

20021108.qrp v02\_n734.qrl.20021108

Date: Fri, 8 Nov 2002 19:03:08 EST  
From: qrp-1@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: QRP-L digest 2734

QRP-L Digest 2734

Topics covered in this issue include:

- 1) [139555] Speaking of the Kwd 820...  
by Rob Matherly <w0jrm@arrl.net>
- 2) [139556] FOX: Fox Messages  
by "Tom Palmer" <n1tp@swfla.rr.com>
- 3) [139557] Re: what are HT3810's  
by "Bill Jones" <kd7s@psnw.com>
- 4) [139558] hand cranked generator  
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
- 5) [139559] Cute Key  
by "Tracy Markham" <tracy@bytemark.com>
- 6) [139560] Q 5 signals  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 7) [139561] Re: Yaesu FT-817  
by Dave Richards <wr3i@earthlink.net>
- 8) [139562] ROCK MITE CONTACT  
by "W2BJ" <w2bj@minsky.info>
- 9) [139563] Old Chips  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 10) [139564] About morse  
by "Richard Johnson" <richard\_johnson@credence.com>
- 11) [139565] Re: Motorola MC3359 Chip  
by jacksonharbor@att.net
- 12) [139566] Re: QRP-L digest 2733  
by Paul Oakes <pro@glassaxis.org>
- 13) [139567] Re: Speaking of the Kwd 820...  
by "Bill Jones" <kd7s@psnw.com>
- 14) [139568] LEMO connectors  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 15) [139569] Re: ROCK MITE CONTACT  
by "Bill, N4QA" <n4qa@hotmail.com>
- 16) [139570] Keeping birds off antenna wire  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 17) [139571] Stock DSW-40 on 80: forget the jumper...external xcvr preamp instead...  
by "Bill, N4QA" <n4qa@hotmail.com>
- 18) [139572] Argonaut V and other radios sold as main station radios amd voltage spec summary

- by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 19) [139573] Re: Keeping birds off antenna wire  
by Rob Matherly <w0jrm@arrl.net>
- 20) [139574] Re: Speaking of the Kwd 820...  
by "Bill, N4QA" <n4qa@hotmail.com>
- 21) [139575] FS NorCal NorEaster Kit  
by David Gauding <david.gauding@bbs.galilei.com>
- 22) [139576] Re: About morse  
by "Bill, N4QA" <n4qa@hotmail.com>
- 23) [139577] Re: About morse  
by K5BDZ@aol.com
- 24) [139578] Field Day Results. (fwd)  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 25) [139579] Re: About morse  
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 26) [139580] FS Radio Shack DSP Unit  
by "Michael Melland" <w9wis@charter.net>
- 27) [139581] FOX: Twofer!!!  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 28) [139582] Re: About morse  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 29) [139583] Ground Radial Construction Tips  
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 30) [139584] FOX: One but....  
by "Karl F. Larsen" <k5di@zianet.com>
- 31) [139585] OT: Radio Shack DSP Sold...  
by "Michael Melland" <w9wis@charter.net>
- 32) [139586] Re: FS Radio Shack DSP Unit  
by Chris Cartwright <ccart@phideaux.com>
- 33) [139587] Re: Ground Radial Construction Tips  
by sjolin@swbell.net
- 34) [139588] Contest Antennas and SS REcords - LONG  
by Brian Kassel <K7RE@arrl.net>
- 35) [139589] Re: TS-830S Radio  
by "blinn" <blinn@smgazette.com>
- 36) [139590] atomic clock 12/24 format  
by Oscar A Hoyt <k5ubs@juno.com>
- 37) [139591] FOX: Twofer - but not easily  
by "Tom Palmer" <n1tp@swfla.rr.com>
- 38) [139592] Harbor Freight Shear/Brake/Roller Owners  
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 39) [139593] fox: N7CQR yecch!  
by Dan Presley <talljazz@teleport.com>
- 40) [139594] Bi-Square Antenna Info?  
by "Mike Duke, K5XU" <k5xu@netdoor.com>
- 41) [139595] RE: " Senior Moments"  
by Karl Kanalz <kkanalz@gceecisp.com>
- 42) [139596] Savoy Truffle

by Lloyd Lachow <llachow@yahoo.com>  
43) [139597] Re: [fpqrp] Savoy Truffle  
by Lloyd Lachow <llachow@yahoo.com>  
44) [139598] Re: About morse  
by "George, W5YR" <w5yr@att.net>  
45) [139599] Re: Ground Radial Construction Tips  
by Ade Weiss W0RSP <adeweiss@sd.value.net>  
46) [139600] Re: Ground Radial Construction Tips --P.S.  
by Ade Weiss W0RSP <adeweiss@sd.value.net>  
47) [139601] Re: Q 5 signals  
by "George, W5YR" <w5yr@att.net>  
48) [139602] Many items for sale  
by Riyadhth Al-Kazily <riyadth-q@rmci.net>  
49) [139603] Ten-Tec 1340 mod for add'l freq coverage  
by Mark Fields <mark\_ke5my@juno.com>  
50) [139604] FOX: WD7Z Prelim Log  
by Dave Fuller <rfgdma@spinn.net>  
51) [139605] Re: About morse  
by "Charles Mabbott" <aa8vs@msn.com>  
52) [139606] Re: Harbor Freight Shear/Brake/Roller Owners  
by "Mike Yetsko" <myetsko@insydesw.com>  
53) [139607] Sale or Swap  
by "Francis Callahan" <colcal@srv.net>  
54) [139608] Re: Harbor Freight Shear/Brake/Roller Owners  
by David Hinerman <WD8CIV@worldnet.att.net>  
55) [139609] Re: Yaesu FT-817  
by Alex <kr1st@amsat.org>  
56) [139610] Re: hand cranked generator  
by "Randy Randall" <RANDALLR@healthall.com>  
57) [139611] Re: Yaesu FT-817  
by W2AGN <w2agn@w2agn.net>  
58) [139612] RE: Argonaut V and other radios sold as main station radios and  
voltage spec summary  
by "KD5NWA" <KD5NWA@mbayona.com>  
59) [139613] Re: Contest Antennas and SS REcords - LONG  
by Gary Slagel <gdslagel@yahoo.com>  
60) [139614] OT: Vacation in Hawaii -- play radio read on....  
by "Charles Mabbott" <aa8vs@msn.com>  
61) [139615] FOX- the Scribe wonders!  
by Bruce Rattray <rattray@gpfn.sk.ca>  
62) [139616] Lightning/ antenna grounding  
by <n2go@arrl.net>  
63) [139617] [OT] New Linux on CD  
by "Adam Vazquez (Kb2Jpd)" <adamvaz@palm.net>  
64) [139618] Re: About morse  
by "Leon Heller" <leon\_heller@hotmail.com>  
65) [139619] Re: Ground Radial Construction Tips --P.S.  
by Dave Fouchey <dafouchey@comcast.net>

- 66) [139620] Re Q-5 Signal Reports  
by "Al West" <fawest@hotmail.com>
- 67) [139621] Re: Ground Radial Construction Tips --P.S.  
by Dave Fouchey <dafouchey@comcast.net>
- 68) [139622] Re: Ground Radial Construction Tips  
by Dave Hottell <hottell@gulftel.com>
- 69) [139623] Re: Bi-Square Antenna Info?  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 70) [139624] Extech Meter  
by "David Adams" <david@theadamsclan.com>
- 71) [139625] ARRL SS QRP results posted to 3830 reflector  
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 72) [139626] Re: [HQR] OT: Problems with Juno e-mail  
by "John Paul Keon" <jpkeon@nc.rr.com>
- 73) [139627] Re: About morse  
by wb0wao@hotmail.com (Dennis Ponsness)
- 74) [139628] Where are the hounds  
by "Jerry Ford" <benlightnd13@mcchsi.com>
- 75) [139629] RE: Harbor Freight Shear/Brake/Roller Owners  
by Mark Schoonover <schoon@amgt.com>
- 76) [139630] RE: Yaesu FT-817  
by Mark Schoonover <schoon@amgt.com>
- 77) [139631] Re: My favorite disclaimer for a poor performing antenna design.  
by Alex <kr1st@amsat.org>
- 78) [139632] My favorite disclaimer for a poor performing antenna design.  
by Alex <kr1st@amsat.org>
- 79) [139633] Re: Where are the hounds  
by Thomas Jennings <jennings@eznet.net>
- 80) [139634] Re: Extech Meter  
by "Lee Mairs" <lmairs@direcway.com>
- 81) [139635] Jean R. Cebik, N4TZP, SK  
by Paul Womble <pwomble1@tampabay.rr.com>
- 82) [139636] 6 Meter Stuff Sold  
by edkess@pa.net
- 83) [139637] F/S SuperKeyer2 chip  
by k7gt@attbi.com
- 84) [139638] Re: Where are the hounds  
by Ed Lawson <k1vp@grizzly.com>
- 85) [139639] Re: [OT] New Linux on CD  
by Bob Nielsen <nielsen@oz.net>
- 86) [139640] Re: Where are the hounds  
by W2AGN <w2agn@w2agn.net>
- 87) [139641] Re: Where are the hounds  
by Chris Cartwright <ccart@phideaux.com>
- 88) [139642] Re: Yaesu FT-817  
by Jerry Lofstead <w3cde@bellsouth.net>
- 89) [139643] Re: Extech Meter  
by "" <markb@abq.com>

- 90) [139644] Fox: No luck in NJ  
by dmaliniak@penton.com
- 91) [139645] KITS: programmable battery voltage monitor  
by Steven Weber <kd1jv@moose.ncia.net>
- 92) [139646] FAWKES: Web Page?  
by W2AGN <w2agn@w2agn.net>
- 93) [139647] Re: Lightning/ antenna grounding  
by "John" <jdorson@worldshare.net>
- 94) [139648] Re: FAWKES: Web Page?  
by W2AGN <w2agn@w2agn.net>
- 95) [139649] Re: Yaesu FT-817  
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 96) [139650] Re: Lightning/ antenna grounding  
by Jake Brodsky <frussle@erols.com>
- 97) [139651] Re: Yaesu FT-817  
by W2AGN <w2agn@w2agn.net>
- 98) [139652] MC3359 Chip Search Results  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 99) [139653] Re: Lightning/ antenna grounding  
by David Hinerman <WD8CIV@worldnet.att.net>
- 100) [139654] Re: Yaesu FT-817  
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 101) [139655] Dual-Band Rock-Mite  
by Monty N5FC <n5fc@io.com>
- 102) [139656] RE: Yaesu FT-817  
by Mark Schoonover <schoon@amgt.com>

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Date: Thu, 7 Nov 2002 18:04:07 -0500  
From: Rob Matherly <w0jrm@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [139555] Speaking of the Kwd 820...  
Message-ID: <200211080006.gA806B8m017622@mail.iowasocean.com>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

Does anyone know what would cause the rig's display and RX to goof up? Mine doesn't like to go below 7.060 and 3.57. When I hit around those frequencies, the display flickers and the RX gets all garbled. I've been in qso on 7.050 before, and it has crept up on me. As it builds, the other station begins to sound like he has a bad RFI problem, then it gradually gets worse until everything is just a "grrrhgghghhrrhhrrpppgghh" noise. This has only happened once and if I understood the other station correctly (which was hard to do), he stated that my transmission was getting "fuzzy".



Message-ID: <000501c28682\$81cea830\$9110010a@fresno>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mike,

I did a quick search on Google and found the HT3810 to be a "Series 128 Note Melody Generator".

Go to <http://stott.feis.herts.ac.uk/maplin/datasheets/HT3810.PDF> for specific information including pin-out information.

=====

Bill Jones - <><  
Sanger, California

=====

----- Original Message -----

From: "Kochenderfer, Mike (M.)" <mkochend@ford.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, November 07, 2002 8:46 AM  
Subject: what are HT3810's

> Hello All,

> I recently came upon a bunch of components marked HT3810 , each one ending in a letter, B,V,I,C, or F.

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Date: Thu, 07 Nov 2002 18:20:49 -0600  
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>  
To: qrp-1@lehigh.edu  
Subject: [139558] hand cranked generator  
Message-ID: <3.0.1.32.20021107182049.008a8aa0@rouge.phys.lsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I pass along this tidbit, as there has been some interest in the past in generators for rig power.

PASCO, a maker of lab and demonstration apparatus for education, <<http://www.pasco.com>> just introduced a hand cranked demonstration generator (#EM-8090) that the catalog specifies as up to 12 volts and up to 25 watts. Not indicated if its AC or DC. 25 W at 12 V = about 2 A, plenty enough to run a QRP rig, so long as you remember to feed the cranker....

Not cheap at \$119, but their stuff is usually very robust as it has to be student-proof, and professor-proof, which is tougher :^)) See the Murphy theorem: It's hard to make a device foolproof 'cause the fools are so very clever.

No pecuniary interest, etc, and I've not even seen one in the flesh...

72

Jim N5IB

-----  
Date: Thu, 7 Nov 2002 16:16:26 -0800  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [139559] Cute Key  
Message-ID: <GNEOLGDJDOPEALHJMKLCCEDCDBAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

OK, you may have seen this but if not, it's cute ... nice 'bug' 'keyer'

<http://www.ae4rv.com/tn/education/bug.htm>

Tracy N4LGH

-----  
Date: Thu, 7 Nov 2002 18:26:02 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <n7dw@earthlink.net>, <qrp-l@lehigh.edu>  
Subject: [139560] Q 5 signals  
Message-ID: <032201c286bd\$6b60eb90\$4e100a0a@rohredt2000>

Russ, they came from I think a QSA Q signal, maybe an old timer will confirm.

The exchange when checking on your signal: QSA?

QSA (1 to 5) with 5 being the best signal.

73,

Stuart K5KVH



-----  
Date: Thu, 07 Nov 2002 19:24:38 -0500  
From: Dave Richards <wr3i@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
k5di@zianet.com  
Subject: [139561] Re: Yaesu FT-817  
Message-ID: <XR2X2ZVSB9JF72NKJHQNOMXW09054XR0.3dcb0446@Home4>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

No One every comes to see my equipment?

Dave

11/7/2002 5:28:30 PM, "Karl F. Larsen" <k5di@zianet.com> wrote:

>  
> Seems to be time to say a little about this rig. I own one and  
>got it about a year ago. Then I bought the Collins mechanical filter  
>which is 500 Hz wide for CW. I also bought the nicad battery pack sold  
>by Yaesu so I can use this radio in presentations and as a VHF/UHF  
>Handi-talkie. I also have a 4.5 Amp-hour lead acid battery for long  
>periods of operation.  
>  
> We have Mesilla Valley Track Club events several times a year  
>and I use the radio as net control. Many people have come by to see the  
>rig and comment on how good the audio is.  
>  
> I have the free software from Mr. Brown that lets me easilly add  
>memory channels to the 200 channel system from my computer. If I must do  
>a hard reset (never yet) I can re-load the memory from the computer.  
>  
> This radio is my prefered Fox Hunt radio and so far this winter  
>it's 2 for 2. I have worked a lot of DX and on phone when you tell the  
>DX your using an 817 they always comment how good it sounds for a QRP  
>signal.  
>  
> The recient chatter about a internal battery loosing power is  
>not correct in my radio or any other un-modified 817. The schematic  
>shows how the battery is hooked to the radio and it will not be  
>discharged ever with the main power plug removed and the radio turned  
>off. I have no idea how this was started.  
>  
> On other lists the current chatter is about how your better off  
>waiting and saving your money until you can buy an 817. And I have seen  
>them for sale new at \$619.00 and the company will ship free.  
>  
> They show up here for sale usually because the owner has big

>hands and can't work the small buttons. My hands are part of a 6'4" body  
>that played football in college (on the line) and my hands are about as  
>big as they come. I have no problem at all with the 817, but find it's  
>best to use frequency lock because my big hands do change tuning by  
>accident.

>

> This is my primary rig. It is not perfect, but it's very close.

>

>--

>

> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

>

>

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Date: Thu, 07 Nov 2002 16:19:52 -0800 (PST)

From: "W2BJ" <w2bj@minsky.info>

To: "ROCK MITE" <Rock-Mite\_Group@yahoogroups.com>,

"QRP-L QRP-L" <qrp-l@lehigh.edu>

Subject: [139562] ROCK MITE CONTACT

Message-ID: <20021107161953.11199.h015.c001.wm@mail.minsky.org.criticalpath.net>

Content-Type: text/plain; charset=iso-8859-1

Content-Disposition: inline

Content-Transfer-Encoding: 7bit

MIME-Version: 1.0

I have amazed at how well my Rock-Mite 20 is  
working. I had a QSO with a ham in Washington  
State from my home in Savannah, GA. That is about  
3000 miles. How are others doing with the RM20?

72/73,Barry J. Minsky, W2BJ ARRL, QRP ARCI #8871,  
NorCal #1560, QRP-L, FISTS #2701, Century Club  
#569, Platinum #51, Silver #119, FISTS CW Club of  
Coastal Georgia, Knightlites, Adventure Radio  
Society #359, QCWA #29298, OOTC #3723, SOC #193,  
K2 #577, K1 #98

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Date: Thu, 7 Nov 2002 18:42:13 -0600

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: "Doug Hendricks" <ki6ds@dph.dpol.net>, <qrp-1@lehigh.edu>  
Subject: [139563] Old Chips  
Message-ID: <033a01c286bf\$adb522c0\$4e100a0a@rohredt2000>

Doug,  
Do you know about Lansdale Semiconductor in AZ I think?  
They are a source for discontinued ICs. Not sure how prices compare to  
original sources, however.

Usual disclaimers,  
72,  
Stuart K5KVH

-----  
Date: Thu, 07 Nov 2002 16:38:08 -0800  
From: "Richard Johnson" <richard\_johnson@credence.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139564] About morse  
Message-ID: <3DCB0770.C9F8BC25@credence.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just playing with the virtual bug and had a thought.

Rmember i don't know code yet.

When you send code is your trained reflex tuned to the "feel" of a  
dit/dah or is it your "ear" tuned into the side tone that you reflex on?

In other words do you need the side tone? Now that side tone may be the  
mechanical click of the key.

cheers,  
rich

-----  
Date: Fri, 08 Nov 2002 00:53:17 +0000  
From: jacksonharbor@att.net  
To: ki6ds@dph.dpol.net  
Cc: qrp-1@lehigh.edu  
Subject: [139565] Re: Motorola MC3359 Chip  
Message-ID: <20021108005316.BAXP24110.mtiwmhc13.worldnet.att.net@mtiwebc09>

Doug -

Try these guys:

<<http://www.hrent.com/>>

I found them on:

<<http://www.findchips.com/>>

I'll bet they'll be EXPENSIVE !

Best Regards,

Chuck Olson, WB9KZY

Jackson Harbor Press

<<http://jacksonharbor.home.att.net/>>

-----  
Date: Thu, 07 Nov 2002 20:02:14 -0500

From: Paul Oakes <[pro@glassaxis.org](mailto:pro@glassaxis.org)>

To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)

Subject: [139566] Re: QRP-L digest 2733

Message-ID: <5.0.0.25.2.20021107195951.00b57110@mail.glassaxis.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

They -can- do it. Depends on how you use them. Info on guidelines is available at <http://trace.wisc.edu/world/web/> and <http://www.w3org> .

-paul N8DTM

At 07:03 PM 11/7/2002 -0500, you wrote:

>Date: Thu, 07 Nov 2002 12:23:49 -0500

>From: Alex <[kr1st@amsat.org](mailto:kr1st@amsat.org)>

>To: Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>

>Subject: [139523] O.T. Re: Web Sites-how about the visually impaired?

>Message-ID: <3DCAA1A5.442D1ED7@amsat.org>

>MIME-version: 1.0

>Content-type: text/plain; charset=us-ascii

>Content-transfer-encoding: 7bit

>

>Even though I'm not visually impaired, I have always wondered about how  
>to make sure that a web page is readable for the visually impaired. I've  
>always considered graphics is there to support the text, but never to  
>replace it. In the past I've used Lynx to see if a page translates well

>for a text only environment. Doing so I noticed that I often had to  
>change the code generated by web page designer software, so I only use  
>Notepad now for my website.  
>  
>I'm as ignorant as one can be on this. Perhaps someone could give me a  
>few pointers. Do applications like Frontpage etc. generate readable  
>pages for the visually impaired? Maybe someone knows of a good site that  
>deals with this?  
>  
>73,  
>--Alex KR1ST  
>  
><http://www.kr1st.com>

-----  
Date: Thu, 7 Nov 2002 17:11:29 -0800  
From: "Bill Jones" <kd7s@psnw.com>  
To: <w0jrm@arrl.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139567] Re: Speaking of the Kwd 820...  
Message-ID: <003601c286c3\$c5f97580\$e74dbad0@microsoft>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I had a similar problem with my Icom IC-728. It turned out that some of the capacitors in the PLL circuit were drifting with heat and the rig was going out of lock.

=====

Bill Jones - KD7S <><  
Sanger, California

=====

----- Original Message -----

From: "Rob Matherly" <w0jrm@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, November 07, 2002 15:04 PM  
Subject: Speaking of the Kwd 820...

> Does anyone know what would cause the rig's display and RX to goof up?

-----

Date: Thu, 7 Nov 2002 19:11:12 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "David Beach" <dbeach@blvl.igs.net>, <qrp-1@lehigh.edu>  
Subject: [139568] LEMO connectors  
Message-ID: <03d401c286c3\$ba868d00\$4e100a0a@rohredt2000>

With google search I got to their home page with "LEMO USA" key word.

These are nice connectors which are available in coax versions, and in multi pin versions. They are aluminum, and maybe yours is sealed with loc tite or galled as aluminum may do with age. Any signs of corrosion? I think they are usually treated, or anodized. You should be able to unscrew with a strap wrench to avoid marring the shell.

I do not ever remember seeing one with reverse threads, but check their web site. F series is listed, I just briefly looked at them. If sealed with something, try applying heat from a heat gun/hair dryer and let cool, might break free with leverage.

Good Luck,  
Stuart K5KVH

-----  
Date: Thu, 07 Nov 2002 20:15:11 -0500  
From: "Bill, N4QA" <n4qa@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [139569] Re: ROCK MITE CONTACT  
Message-ID: <F22VY60mJWEsBk31TZ100000310@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Way to go, Barry.  
I've been working all over North America with my little 20-meter 'Rockster'. Worked Texas with the RM-20 at 30 mW out(I'm in SW VA)to the 4-wavelength wire. Also, working most of the eastern seaboard and the midwest with the 'Rockster' in the mobile, running 250 mW to the Hustler. Great fun!

73.  
Bill, N4QA  
<http://www.qsl.net/n4qa/>

-----  
MSN 8 helps eliminate e-mail viruses. Get 2 months FREE\*.  
<http://join.msn.com/?page=features/virus>

-----  
Date: Thu, 7 Nov 2002 19:19:22 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <markb@abq.com>, <qrp-1@lehigh.edu>  
Subject: [139570] Keeping birds off antenna wire  
Message-ID: <03dc01c286c4\$deafa440\$4e100a0a@rohredt2000>

Thanks Mark, the tubing is a good suggestion!  
I already have fun sometimes seeing Doves land on the nylon guy lines. They are pretty stout, 880 pound test, so they think it is a good roost even if it does slant. However, I saw one very fat Dove land, and he was of course unbalanced to the low side of the guy. It was new then, and nylon being kind of shiny and slick, he just started to rotate out of vertical and around the guy axis!  
He looked very surprised if you can say a bird can look with an expression!

He bailed out about a third of the way around and fluttered off to a tree. The experience did not prevent others from landing on the guys from time to time.

72, Stuart K5KVH

-----  
Date: Thu, 07 Nov 2002 20:38:32 -0500  
From: "Bill, N4QA" <n4qa@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [139571] Stock DSW-40 on 80: forget the jumper...external xcvr preamp instead...  
Message-ID: <F89P9FekzabtneqdGSy00000374@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

So, now I'm using the stock DSW-40 for 80-meter contacts using its own receiver and an old Ameco model PT-3 'transceiver preamplifier'. Just called CQ on 3560 and was answered by Jim, KZ8J, in Branchland, WV...114 miles DX, as the crow flies. Ready for this?...  
RST 599, both ends of this contact! Gave Jim 589 at first but condx improved...  
Antenna here...fullwave wire, 15-ft above gnd.

Jim's antenna... fullwave loop, 25-ft above gnd.  
I was running 3 watts out and Jim was running 100 watts...  
Two cloud-burner antennas working in 'harmony' :)  
Only frequency bands which make sense for the DSW-40's mixer/if scheme work well, outside the 40 meter band, itself.  
80 works VERY well, with a little help from the PT-3.  
Also, I caution about using the DSW-40's transmitter outside its design limits. I haven't looked at its output on a spectrum analyzer when operating on 80 meters but haven't received any 'bad news' as yet.

73.  
Bill, N4QA  
<http://www.qsl.net/n4qa/>

---

Protect your PC - get McAfee.com VirusScan Online  
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

---

Date: Thu, 7 Nov 2002 19:38:57 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "Mike Yetsko" <myetsko@insydesw.com>, <qrp-1@lehigh.edu>  
Subject: [139572] Argonaut V and other radios sold as main station radios and voltage spec summary  
Message-ID: <03e401c286c7\$9b02c8a0\$4e100a0a@rohredt2000>

Mike, no, it was not a mal functioning Argonaut. Their spec clearly states 12 volts as low end.

The Kenwood 440, 450 and similar home/ mobile rigs state 12 volts to some higher level that allows use as a mobile rig. The various 10m single band radios seem to do as well. (Radio Shack, etc.)

The Ten Tec Scout has spec in manual with 12 volts as low end, and up to the usual spread of automotive voltage on "12 volt" systems.

Others have reported in private emails similar ratings on Yaecomwoods of various models. 12 volts with 13.8 nominal rating to take the usual MFJ and Astron power supplies in AC line use.

One poster on list stated he knew of lots of "equipment" that would take less than 12 volts and work to full spec apparently. I would hope he will post if any of this gear was amateur radio transceivers sold for the mainly



base station use (and automotive mobile).

Regulators such as used in the Scout require a 2 volt differential to stay in regulation. A prudent manufacturer using a 10 volt regulator would then, reasonably limit his low end input voltage to 12 volts DC, period.

Specialty radios designed for Field use, and widely varied QRP use, (remember the Argonaut is 20 watts and the Scout 50 watts), sometimes spec their radios at differing voltage, eg. the Elecraft K2. The single band kits may or may not operate below 12 volts.

I think it is fair to say commercial manufacturers outside the QRP segment have a de facto 12 volt lower voltage spec. Individual radios may do better, but production spread guarantees the 12 volt level, only.

We have heard voltage ratings on Patcomm, several models of Ten Tec, several of Yaecomwood, thus I am satisfied to operate at 12 volts, as our club has for 7 years at Field Day, completely battery powered. That is the industry norm. As usual, hams will try to stretch things but no manufacturer other than Elecraft has really made a low power drain radio for both home and field with most of the features afforded by a computer inside.

By all reports so far, the Argonaut V delivers just what the manufacturer's specification sheet states, and works quite well in sensitivity and dynamic range department as compared to other good receivers such as the K2.

72, Stuart K5KVH

-----

Date: Thu, 7 Nov 2002 19:49:20 -0500  
From: Rob Matherly <w0jrm@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139573] Re: Keeping birds off antenna wire  
Message-ID: <200211080151.gA81pP8m022349@mail.iowasocan.com>  
Content-Type: text/plain;  
    charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Thursday 07 November 2002 08:19 pm, some not-so-anonymous soul by the name of Stuart Rohre wrote:

| He bailed out about a third of the way around and fluttered off to a tree.  
| The experience did not prevent others from landing on the guys from time to  
| time.

— —

72-73-00

(W) (O) (J) (R) (M)

<http://www.gsl.net/w0jrm>

ARRL -- FPgrp -330 -- IA QRP #143

SOC #497 - - ORPp-I #19

From: "Bill, N4QA" <n4qa@hotmail.com>

Subject: [139574] Re: Speaking of the Kwd 820...

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Dunno 'bout the '820 but my '440 has had similar problems which were traced to a faulty conformal coating of critical freq-determining components in its various PLL circuits. The offending coating absorbs moisture, over time, and causes weird, sporadic, loss of loop-lock. Maybe a similar phenomenon occurring in the '820 ???

73.

Bill, N40A

<http://www.qsl.net/n4qa/>

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<http://join.msn.com/?page=features/featuredemail>

Date: Thu, 07 Nov 2002 19:36:59 -0600  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu  
Subject: [139575] FS NorCal NorEaster Kit  
Message-ID: <5.1.1.6.0.20021107193011.00a2fa00@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

Hate to pass this project along but the eyes just don't have it anymore for SMT.

NorEaster kit as received from NorCal.

\$50.00 includes shipping by 1st Class Mail.

Many thanks,

de Dave, NF0R      nf0rslacc.com

-----  
Date: Thu, 07 Nov 2002 20:55:58 -0500  
From: "Bill, N4QA" <n4qa@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [139576] Re: About morse  
Message-ID: <F69Qq5pneeFUtLch9wP00000154@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Hi,Rich.

It can be BOTH tactile feel and auditory response.

Even my old Lionel J-38 straight key has a nice mechanical ring to it...electronic sidetone not required...

You're gonna have great fun with CW...that's clear! :)

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

-----

MSN 8 helps eliminate e-mail viruses. Get 2 months FREE\*.  
<http://join.msn.com/?page=features/virus>

-----  
Date: Thu, 7 Nov 2002 21:01:21 EST  
From: K5BDZ@aol.com  
To: richard\_johnson@credence.com, qrp-1@lehigh.edu  
Subject: [139577] Re: About morse  
Message-ID: <4c.149047d3.2afc74f1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Rich  
CW monitoring is much like speaking... most need to hear the sound to insure the proper sounds / words being sent. To each his/her own. I prefer the sound of a pure tone monitor... not a brackish noise or click or even light. I'm good to about 55 wpm on a nice day.

Bill K5BDZ

-----  
Date: Thu, 7 Nov 2002 20:14:23 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-1@lehigh.edu>  
Subject: [139578] Field Day Results. (fwd)  
Message-ID: <Pine.LNX.4.33.0211072013410.9337-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

How about this folks!...QRP does it again eh!?!  
-----

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

----- Forwarded message -----  
Date: Tue, 5 Nov 2002 17:25:39 -0500  
From: Bob Scott <bobscott@sympatico.ca>  
To: rattray@gpfn.sk.ca  
Subject: Field Day Results.

Hi Bruce....I'm delighted to mention that The Durham Region QRP Group, were again number one in Canada for Field Day. Bob, VE3GND.

-----  
Date: Thu, 7 Nov 2002 21:22:11 -0500  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139579] Re: About morse  
Message-ID: <007b01c286cd\$a51bb7b0\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I'm good to about 55 wpm on a nice day.

Drool....

I have been listening to code CDs in the car while I drive to work (when none of my friends are on 2M). I find that I can head copy about 75% at 15wpm and probably copy (on paper) close to 95% at that speed (more if I pay attention). My problem is when my mind begins to wonder sometimes and characters go flying by. I am to the point where I know every character I hear at most speeds. Just putting it together in your head. It would be like if someone was actually spelling every word out to you at high speed (actually saying the letters)... I would have the same problem. So the good news is that my lookup table is not a look up table (well... maybe it still is but I recognize characters instantly). Bad news is I still cannot have CW QSO's with head copying (unless they were going at 5-7wpm)

I will keep chugging along.....

73  
Jason  
N8XE

-----  
Date: Thu, 7 Nov 2002 20:29:05 -0600  
From: "Michael Melland" <w9wis@charter.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139580] FS Radio Shack DSP Unit  
Message-ID: <001301c286ce\$9c475260\$3f20be42@computer>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm thinning the herd awaiting my new Argonaut V... hopefully next week !

I bought one of these little Radio Shack DSP filters to use with my Argonaut 509. It works pretty well and looks like new.... with box, mounting bracket, power cable and manual. Anyone interested before I list later on that auction site ?

\$25 shipped

Mike

--

Michael Melland, W9WIS  
Winneconne, Wisconsin USA EN54pc  
qrp-l #1656 - qrparci # 9875 - iparc #252  
ars #1075 - <http://webpages.charter.net/w9wis/>

-----  
Date: Thu, 7 Nov 2002 18:40:52 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: "Dave Benson" <nn1g@earthlink.net>  
Subject: [139581] FOX: Twofer!!!  
Message-ID: <008701c286d0\$433ebda0\$e31ef4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang!,

Good condx tonight on the West Coast! Thought I'd try something a bit different. I used me modified SW-40+/Tick4/Sig Gen combo in split frequency mode and it worked great at 2 watts! Got Dan N7CQR at ~02:10 and Dave WD7Z at ~02:26. Both stations were strong into Burbank tonight and working the pack beautifully up frequency! Thanks to both FOXII for a fun evening! Got get em guys...

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 7 Nov 2002 18:42:47 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <jhisson1@columbus.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139582] Re: About morse  
Message-ID: <008b01c286d0\$8663c440\$e31ef4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

That's where I'm at too Jason, but the word lookup table keeps getting bigger, and my pointer is finding them faster ;-)

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

----- Original Message -----  
From: Jason Hissong <jhisson1@columbus.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, November 07, 2002 6:22 PM  
Subject: Re: About morse

> > I'm good to about 55 wpm on a nice day.  
>  
> Drool....  
>  
> I have been listening to code CDs in the car while I drive to work  
(when  
> none of my friends are on 2M). I find that I can head copy about 75%  
at  
> 15wpm and probably copy (on paper) close to 95% at that speed (more if  
I pay  
> attention). My problem is when my mind begins to wonder sometimes and  
> characters go flying by. I am to the point where I know every  
character I  
> hear at most speeds. Just putting it together in your head. It would  
be  
> like if someone was actually spelling every word out to you at high

speed

> (actually saying the letters)... I would have the same problem. So  
the good  
> news is that my lookup table is not a look up table (well... maybe it  
still  
> is but I recognize characters instantly). Bad news is I still cannot  
have  
> CW QSO's with head copying (unless they were going at 5-7wpm)  
>  
> I will keep chugging along.....  
>  
> 73  
> Jason  
> N8XE  
>

-----  
Date: Thu, 7 Nov 2002 21:58:07 -0500  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139583] Ground Radial Construction Tips  
Message-ID: <008d01c286d2\$aa9e7240\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi guys,

This weekend I will be installing a vertical (Hustler 4BTV with 30M kit). I will be installing it at ground level and will be installing a radial system. I need some pointers on getting all the radials to come together at the base (using items available at Home Depot). I will be installing 64 radials at about 25'-30' long. I know soldering them at the base won't last long in the elements. I also found a page where they recommend using solid #6 copper wire to use as staples every 10' so that I can just lay the radials on the ground.

To keep it on the subject of QRP, I will be using the antenna for QRP ;-)

Thanks!

Jason Hissong  
N8XE



-----  
Date: Thu, 7 Nov 2002 20:00:26 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139584] FOX: One but....  
Message-ID: <Pine.LNX.4.44.0211071955550.2428-100000@Bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I had no problem working Dan in Portland but Dave is ESP here because we are 200 miles apart. I will wait for everyone to work him and then I will try. But as weak as he is, I expect even my inverted Vee is too little to late.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Thu, 7 Nov 2002 21:08:59 -0600  
From: "Michael Melland" <w9wis@charter.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139585] OT: Radio Shack DSP Sold...  
Message-ID: <001701c286d4\$2f13a300\$3f20be42@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks all...

--

Michael Melland, W9WIS  
Winneconne, Wisconsin USA EN54pc  
qrp-l #1656 - qrp-parci # 9875 - iparc #252  
ars #1075 - <http://webpages.charter.net/w9wis/>

-----  
Date: Thu, 7 Nov 2002 22:21:24 -0500 (EST)  
From: Chris Cartwright <ccart@phideaux.com>  
To: Michael Melland <w9wis@charter.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139586] Re: FS Radio Shack DSP Unit

Message-ID: <Pine.LNX.4.33.0211072220400.9000-100000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sold! If it's not too late, check, MO, or paypal. You can wait for check to clear to shop if you want.

72

On Thu, 7 Nov 2002, Michael Melland wrote:

> I'm thinning the herd awaiting my new Argonaut V... hopefully next week !  
>  
> I bought one of these little Radio Shack DSP filters to use with my Argonaut  
> 509. It works pretty well and looks like new.... with box, mounting  
> bracket, power cable and manual. Anyone interested before I list later on  
> that auction site ?  
>  
> \$25 shipped  
>  
> Mike  
> --  
> Michael Melland, W9WIS  
> Winneconne, Wisconsin USA EN54pc  
> qrp-l #1656 - qrparci # 9875 - iparc #252  
> ars #1075 - <http://webpages.charter.net/w9wis/>  
>  
>

--

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Thu, 07 Nov 2002 21:51:47 -0600  
From: sjolin@swbell.net  
To: jhisson1@columbus.rr.com, Qrp-l Reflector <qrp-l@lehigh.edu>  
Subject: [139587] Re: Ground Radial Construction Tips  
Message-ID: <063101c286da\$29e54900\$78d1fea9@DaveSjolin>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

May not be the optimum way but what I did for most of my radials was to place the end of the radials under a compression clamp that surrounded the mast going into the ground. Once in place, just tighten the clamp down onto the post. Suppose you could put some liquid stuff on the wire or clamp to enhance the connection and you might try covering it with coax seal or something. My only problem with my radials is that they aren't buried so they sometimes get cut by the lawn mower. None have rotted away.

73 de Dave, N0IT

----- Original Message -----

From: "Jason Hissong" <jhissong1@columbus.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, November 07, 2002 8:58 PM

Subject: Ground Radial Construction Tips

> Hi guys,

>

> This weekend I will be installing a vertical (Hustler 4BTV with 30M kit).  
I

> will be installing it at ground level and will be installing a radial  
> system. I need some pointers on getting all the radials to come together  
at

> the base (using items available at Home Depot). I will be installing 64  
> radials at about 25'-30' long. I know soldering them at the base won't  
last

> long in the elements. I also found a page where they recommend using  
solid

> #6 copper wire to use as staples every 10' so that I can just lay the  
> radials on the ground.

>

> To keep it on the subject of QRP, I will be using the antenna for QRP ;-)

>

> Thanks!

>

> Jason Hissong

> N8XE

>

-----  
Date: Thu, 07 Nov 2002 20:55:52 -0700

From: Brian Kassel <K7RE@arrl.net>

To: QRP-L <QRP-L@lehigh.edu>

Subject: [139588] Contest Antennas and SS REcords - LONG

Message-ID: <3DCB35C8.7DC899D8@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks:

Thanks to Doug for the list of SS records for the CW category. I never even thought about it, but it would appear that I now hold the record for SD, if my score holds up. If Chuck goes to NWT next year, I may just motor over a few miles to WY and try for that state. I was only a little less than 10K down from that record this year.

One thing though, the propagation from that area of the world, the Yukon, is quite often problematic, look at those postings from Jim, AL7FS.

I am sure though once Chuck throws out a CQ with VE8/K7QO, he will get a lot of action ;).

Several people have asked for details of my antennas that I used during last week's CW SS contest. Somehow, some folks can't quite believe that my score of 673 QSO's, and 77 Multipliers for a score of 103,642 would be possible at 5W and no aluminum. The antennas are very simple. First, NO yagi type beams or any type of commercial antenna was used. NO aluminum was used either, all 3 of the antennas were made from wire, 22 gauge, insulated "hookup" wire to be exact. The supports are of wood, or in some cases steel 10' sectioned, TV type masts were used.

My primary antenna is an 80M horizontal loop. The dimensions are 300 feet around, not critical at all. It is fed in the middle of one side with 450 ohm ladder line. This feed point was selected only because it creates the shortest run of line, directly into the shack. The wire runs around 4 Evergreen trees that are located at the four corners of the house. Each support was created by shooting a line over the trees with a homemade slingshot-reel device. Dacron rope is used with a cheap screen door type of spring used between the rope and the wire to buffer against the swaying trees breaking the wires. The wire is up about 25-30 feet on average. On 80M it is a high angle radiator, as one would expect. On the higher bands though, the pattern takes on a lower, but not too low, radiation angle. Not too good for DX, but great for high angle US stations from here in the western extreme of the midwest. I use an old Johnson Matchbox as the tuner. The antenna tuner is twice the size of my rig! Go to the W4RNL web page for very good information on the how's and whys of this antenna type.

The other 2 antennas are wire vee beams, same wire as above, one aimed at 125 degrees, the other at about due North. I would have liked to be able to have due east and northeast patterns, but the real estate here doesn't allow it yet. I will be re-doing the vee beams, and adding more soon as more antenna supports will now be possible to erect. The vee beams are both about 35 feet high at the apex, the ends go to the ground. No termination's are used, so they are bi-directional. One is 150 feet long, the other 200 feet long. The apex angle on the 200 foot beam is 50 degrees. The shorter vee beam uses an included angle of 60 degrees. Both are fed, again, with 450 ohm ladder line. HB tuners, similar to the ZM-2 tuners, are used, but upgraded with variable caps that will handle 100W or so.

These vee beam antennas are used on all bands.. The gain on 20, 15 and 10 is very good, approaching a 3 element trapped tribander as far as I can tell. On DX they are superior to a trapped tribander at the same height, hands down.

So folks, you don't need big buck towers, aluminum, or commercially made antennas to do pretty well in a very competitive contest. No traps, turnbuckles, gut wires, etc. Oh yes, one of the supports uses some rope guying. If they blow down, no big deal to get them back up again, although so far none have broken, or come down.

I WILL be putting my beams and towers up soon, as the weird WX here in western SD ahd finally turned warm again. I still have to try to better this years score, that is always my primary challenge.

It also occurs to me that DXpeditions, like Chuck Adams' recent adventure could do well to look at the loop. I noted all of the problems and tribulations that Chuck had done, not to mention the expense of the aluminum that he brought, set up, took down and transported to WY. I realize that he didn't have any information as to what the QTH was all about, so planning was very difficult. I have used it in field trips, and can usually find 4 supports that will work. He could also carry some fiberglass poles, just in case only 2 supports could be found. They are light, and collapse down to about 4 feet.

Bob Patten (N4BP) and myself use 2 fiberglass masts (DK9SQ from Kanga) for supports with our 2 inverted vee antennas from the Bahamas each year. One is cut for 40, the other for 80M. They are both fed with RG-6 coax. This is the stuff that is used on satellite dishes, it can be very cheap, which is the main reason that we chose it ;). We go on all bands, even WARC bands outside the contest, and usually quite easily work several thousand QSO's each. We use antenna tuners of course to hit the other bands. I use an LDG auto-tuner myself. We both won worldwide last year in our categories. The antennas work, even though they really aren't ideal. We do run 100W or more though, not QRP. I

have worked QRP though on 15M from there, and wound up with over 500 QSO's in the contest. Same antennas.

My point with all of this is to encourage others to go out and try wire antennas, especially for field type of work. They are far more forgiving, easily changed, very cheap, and can be made multiband. They come down with a pair of wire cutters too, if you are in a hurry, or it is -15 outside ;).

The Chinook winds have finally kicked in here, 70F today, and so finally got up my 55 foot crank up pole tower. Even my hair hurts right now from the physical exertion, and I don't have much of that left as some of you know ;). and now for some REALLY long wires...;)

As you can tell, I am a believer in wire antennas. I owe a debt of thanks to all of the folks who helped with the design of the wire antennas, and their well intentioned prodding to get me to use EZNEC antenna modeling software. They are all on this list too. They were all quite correct in their high opinions of this wonderful software by W7EL. I am still learning, but then isn't that what ham radio is all about?

Pursuing the Q Challenges,

Brian K7RE

-----  
Date: Thu, 7 Nov 2002 20:01:47 -0800  
From: "blinn" <blinn@smgazette.com>  
To: <n4xy@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139589] Re: TS-830S Radio  
Message-ID: <001601c286db\$901ee9a0\$9f8aa242@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yep, the 830 will go way down... QRPP... (Been there, done that.) Just turn the carrier level down to the lowest level. This should be less than 5 watts. You can then adjust the drive to lower the output even more. (Seems like mine would operate FB at 250 mW.) Of course you need a qrp wattmeter to measure what you are doing.

Bill - WA7TQK

---

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Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.381 / Virus Database: 214 - Release Date: 8/2/02

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-----

Date: Sun, 27 Oct 2002 01:51:35 -0500  
From: Oscar A Hoyt <k5ubs@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [139590] atomic clock 12/24 format  
Message-ID: <20021027.015607.-45239.1.k5ubs@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I have been off the list for a few weeks due vacation and workload so this may have been covered already.

I went to Tanner Electronics after work today to pick up a few component parts I needed and found they have a 12/24 hour format atomic clock. The time numbers are 1.25 inches high, easy to see. It also has date and temp (f). Only has the four CONUS time zones. Also has alarm. Runs off 2 AA cells. hangs on wall or sets up on desk. Have been looking for one at Wally world and such and no luck. This one sells at Tanner for 20.00. Not BAD.

Oscar Hoyt, ham since '55, K2 # 2264, ARRL, QCWA, QRP-L 1733, ARCI, NORCAL, SOC # 303 . . . . . 303

-----  
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Date: Thu, 7 Nov 2002 23:11:18 -0500  
From: "Tom Palmer" <n1tp@swfla.rr.com>  
To: <qrp-l@lehigh.edu>  
Subject: [139591] FOX: Twofer - but not easily  
Message-ID: <000501c286dc\$e422acc0\$6b2a0843@swfla.rr.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Band conditions in SW Florida were not good this hunt  
vis-a-vis both FOXII.

Dave (in New Mexico) was MUCH stronger on one of his  
antennas than the other, unless the difference was due to  
QSB, which I doubt.

I bagged Dave around 0320 - after them LOUD "Pesky Texans"  
got through.

Man, the Gulf of Mexico does wonders for signals from Texas  
into SW Florida!

Dan (in Oregon) was WEAK! I managed to bag a pelt from Dan  
around 0349. He was working simplex on 7.036. Heard K4ADI  
trying hard for a pelt from Dan. I hope K4ADI got his pelt.

Go "Swamp Rats"

I note the "Cheeseheads" were "5 for 5" in both of last  
week's hunts. They're going to be hard to beat.

Tom, N1TP  
Naples, Florida

-----  
Date: Thu, 07 Nov 2002 20:17:01 -0800  
From: "Chuck Adams, K7QO" <k7qo@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [139592] Harbor Freight Shear/Brake/Roller Owners  
Message-ID: <5.1.1.6.0.20021107195603.01a9ee88@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Today I started on the article for George Heron, N2APB, on how to use  
the Shear and Brake combo to build cases and then how to paint them,  
bake them, and then label them neatly. Ha.



I had cleaned off the workbench (hey, you don't expect me to show you the mess I can make do you?) and started taking digital photos and was moving along very nicely. I got out a sheet of the aluminum I got from a metal surplus place in Phoenix (Davis Metals which most of the AZ sQRPions know about) and show how the stuff has been out in the rain, sun, and dust for a long time and what you need to do to clean it up.

OK. Cut a strip and cleaned it up for the test cases to show how different manufacturers of paint work. I got two pieces but one was longer than the other. So I placed the longer piece under the shorter and put them under the shear blade. I WAS going to cut the lower piece at the edge of the top piece. But stupid me did not get the alignment right and I made an attempt at cutting two pieces at once. The Al is 0.050" in thickness for a single sheet, so I was making an attempt at 0.100" as measured with the calipers.

Like most of us I use an aluminum extender on the arm to get leverage. Well I applied an appreciable force and I hear this POP! Sure enough I fracture the foot of the right leg. (\*&(\*&\$\$\$@# Now I spend the next 30 minutes in a sour mood and surfing the Internet for a solution. With the broken leg the base plate of the shear will not hold it's position for any work other than PC board material.

I then call around the local welding shops and I find one guy who can weld it back together. I take the shear apart and haul just the right side down to him, leave it for the afternoon, and then go back with Phyllis to pick it around sunset. My excuse for taking her out to dinner and she needed something from the mall any way.

So for \$10 I was able to solve what was going to be a several hundred dollar mistake on my part.

So a word of warning. Do not try to do more than say 0.060" aluminum with the Harbor Freight Shear/Brake/Roller SKU # S 35969 which is no longer available from them but Grizzly seems to have the same model.

And a final note. I get the shear back together and I have one single small hex screw left over. The shear works and the brake works so I have no earthly idea where I missed it. Some days are diamonds and some days are rust. Think I'll watch DVD movies for the rest of the day, since I was unable to work Dave in NM for the fox hunt and I didn't hear the other fox on.

There are some days that I can be a total idiot. :-) ;-) I'm even scared to touch a soldering iron until a few days pass. ....

Just a note to QRP-L to keep others from making the same mistake.  
We all break things but I just didn't have my brain in gear at the time.

dit dit es FYI es Film at 11,

Chuck Adams, K7Q0  
<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

-----  
Date: Thu, 7 Nov 2002 20:11:08 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-l@lehigh.edu  
Subject: [139593] fox: N7CQR yecch!  
Message-ID: <p05010417b9f0e8a4790c@[216.26.4.216]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Ugh- well, that was rather ugly :). Propagation was definitely not happening out here in OR. That combined with a paddle failure about halfway through my run made for a frustrating time. Looks like I managed about 73 Q's through all of that. Next time I hope to be at a better location with a 40M rotatable dipole, so maybe that will help. Log will be posted soon. Thanks for your patience.

--  
Dan Presley-N7CQR-Portland, Or QRP-L #502  
n7cqr@arrl.net

-----  
Date: Thu, 7 Nov 2002 22:21:20 -0600  
From: "Mike Duke, K5XU" <k5xu@netdoor.com>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [139594] Bi-Square Antenna Info?  
Message-ID: <014501c286df\$40653a00\$62d194d0@k5xu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can anyone direct me to plans for one of these older large antennas? I'm

especially looking for a design for 6 meters.

Mike, K5XU

-----  
Date: Thu, 7 Nov 2002 22:39:29 -0600  
From: Karl Kanalz <kkanalz@gcecispc.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139595] RE: " Senior Moments"  
Message-ID: <01C286AE.8EB12240@KKANALZ>

We all have "Senior Moments", Chuck! It's good to know you got your shear/brake back together again, even if you DID have a screw left over! At least it was only ONE screw, not the multitude I had left over after taking my Dad's wind-up alarm clock apart! [grin]

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----  
From: Chuck Adams, K7QO [SMTP:k7qo@earthlink.net]  
Sent: Thursday, November 07, 2002 10:17 PM  
To: Low Power Amateur Radio Discussion  
Subject: Harbor Freight Shear/Brake/Roller Owners

Gang,

<snip>

OK. Cut a strip and cleaned it up for the test cases to show how different manufacturers of paint work. I got two pieces but one was longer than the other. So I placed the longer piece under the shorter and put them under

<snip>

And a final note. I get the shear back together and I have one single small

hex screw left over. The shear works and the brake works so I have no earthly idea where I missed it. Some days are diamonds and some days are rust. There are some days that I can be a total idiot. :-) ;-)

<snip>

-----  
Date: Thu, 7 Nov 2002 21:07:40 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: QRP-1 <qrp-1@lehigh.edu>, "Li'l Piggies" <fpqrp-1@mpna.com>  
Subject: [139596] Savoy Truffle  
Message-ID: <20021108050740.2479.qmail@web41001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Friends,

That is truly a wall of sound coming at you.  
Here's who I served tonight, in the 40 Metre Dining  
Room under the stars:

0131	N4BP	559	FL	Bob	5W
0132	N9NE	599	WI	Todd	5W
0133	K8HJ	559	MI	John	5W
0134	KB9YIG	569	IN	Tony	500mW
0135	WA8BXN	589	OH	Mike	5W
0136	N1TP	559	FL	Tom	5W
0137	WA9TZE	559	WI	Jim	5W
0139	N8VAR	559	OH	Ron	5W
0140	W0CH	559	MO	Dave	5W
0141	WE9K	579	WI	Glenn	5W
0143	K9DC	559	IN	Dave	5W
0143	K4GT	559	GA	Jim	5W
0144	K5JHP	559	TX	Bill	5W
0145	AE4Y	559	GA	Kent	5W
0146	AC5JH	599	OK	Tom	5W
0147	W5YR	559	TX	George	5W
0148	AJ4AY	559	AL	Jay	5W
0149	K8CV	559	MI	Walt	5W
0150	K5AIC	559	MS	Herb	2W
0151	N5ZE	559	TX	Lew	5W
0152	W5USJ	559	TX	Chuck	5W
0153	K5QK	559	LA	Don	5W
0154	N5EBD	559	TX	Ken	5W
0155	K5DW	559	TX	Don	5W
0156	AB9CA	559	AL	Dave	5W
0157	WA4CM	559	VA	Al	5W

I hope a good time was had by all. Sure was fun for  
the Truffle.

your W8PIG-for-a-night,

Lloyd, K3ESE

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr

ARRL - ARS #1301 - FISTS #8774

FPqrp #476 - QRParci #11147

QRP-L #2415 - SOC #530

HGT #6'1 - Wgt #190 - BT #B-

dit dididit dit

-----  
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-----  
Date: Thu, 7 Nov 2002 21:11:51 -0800 (PST)

From: Lloyd Lachow <llachow@yahoo.com>

To: QRP-l <qrp-l@lehigh.edu>, "Li'l Piggies" <fpqrp-l@mpna.com>

Subject: [139597] Re: [fpqrp] Savoy Truffle

Message-ID: <20021108051151.11600.qmail@web41007.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Sorry, left one out. Corrected list below:

>	0131	N4BP	559	FL	Bob	5W
>	0132	N9NE	599	WI	Todd	5W
>	0133	K8HJ	559	MI	John	5W
>	0134	KB9YIG	569	IN	Tony	500mW
>	0135	WA8BXN	589	OH	Mike	5W
>	0136	N1TP	559	FL	Tom	5W
>	0137	WA9TZE	559	WI	Jim	5W
>	0139	N8VAR	559	OH	Ron	5W
>	0140	W0CH	559	MO	Dave	5W
>	0141	WE9K	579	WI	Glenn	5W
>	0143	K9DC	559	IN	Dave	5W
>	0143	K4GT	559	GA	Jim	5W
>	0144	K5JHP	559	TX	Bill	5W
>	0145	AE4Y	559	GA	Kent	5W

>	0146	AC5JH	599	OK	Tom	5W
>	0147	W5YR	559	TX	George	5W
>	0148	AJ4AY	559	AL	Jay	5W
>	0149	K8CV	559	MI	Walt	5W
>	0150	K5AIC	559	MS	Herb	2W
>	0151	N5ZE	559	TX	Lew	5W
>	0152	W5USJ	559	TX	Chuck	5W
>	0153	K5QK	559	LA	Don	5W
	0154	K5SR	559	TX	Dale	5W
>	0154	N5EBD	559	TX	Ken	5W
>	0155	K5DW	559	TX	Don	5W
>	0156	AB9CA	559	AL	Dave	5W
>	0157	WA4CM	559	VA	Al	5W
>						

Thanks es oo.

=====

73, 72 es oo, Lloyd, K3ESE  
 K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr  
 ARRL - ARS #1301 - FISTS #8774  
 FPqrp #476 - QRParci #11147  
 QRP-L #2415 - SOC #530  
 HGT #6'1 - Wgt #190 - BT #B-  
 dit dididit dit

-----  
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-----  
 Date: Thu, 07 Nov 2002 23:48:56 -0600  
 From: "George, W5YR" <w5yr@att.net>  
 To: K5BDZ@aol.com  
 Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
 Subject: [139598] Re: About morse  
 Message-ID: <3DCB5048.8A72BD88@att.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

If you really want to mess with someone's mind, have them send CW at a pretty good clip and delay the sidetone signal about 1/4 to 1/2 second. Same thing as when you talk into an audio system and hear a delayed voice sidetone. In a second or two you find that you cannot speak. Same with

sending code, especially with a paddle where you don't have the tactile feedback that you get with a bug or hand key.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

K5BDZ@aol.com wrote:

>

> Rich

> CW monitoring is much like speaking... most need to hear the sound to insure

> the proper sounds / words being sent. To each his/her own. I prefer the

> sound of a pure tone monitor... not a brackish noise or click or even light.

> I'm good to about 55 wpm on a nice day.

>

> Bill K5BDZ

-----

Date: Fri, 08 Nov 2002 23:55:32 -0600

From: Ade Weiss W0RSP <adeweiss@sd.value.net>

To: qrp-l@lehigh.edu

Subject: [139599] Re: Ground Radial Construction Tips

Message-ID: <MJWVFBJH3VPNFE05MJS94XV54632YDB.3dcca354@aweiss>

MIME-Version: 1.0

Content-Type: text/plain; charset="windows-1252"

Hi all:

Jason asked:

" I need some pointers on getting all the radials to come together at the base (using items available at Home Depot). I will be installing 64 radials at about 25'-30' long. I know soldering them at the base won't last long in the elements. I also found a page where they recommend using solid #6 copper wire to use as staples every 10' so that I can just lay the radials on the ground."

I suppose that there are better methods around, but my simple solution is to use a piece/s of doublesided p.c.b. stock in combination with brass screws/washers/nuts. I run a very short piece of #8-10 solid copper from a central screw on the p.c.b. to the 18AVQ ground lug. I've used this in different situations -- but never actually went the whole 9 years by drilling a hole in the middle of the p.c.b. to fit over the mounting pipe for the vert. I guess you could. I used one 1/8" screw per 4-5 radials. I simply spliced the ends of the radials together and looped them around the screw.

With your proposed 64 radials, I'd do a little bit of planning and even consider a hexagonal shaped p.c.b. with the hole in the middle, and evenly spaced screws around the perimeter .

Now, both the copper and brass will corrode. But the contact surfaces (i.e., radial ends and screws and p.c.b. holes) are still pretty shiny after a winter of snow and ice.

As for the staples -- good idea. It doesn't take much to make the wire lay flat

Sounds like you'll end up with a great vertical!

72, Ade W0RSP

-----  
Date: Fri, 08 Nov 2002 23:58:47 -0600  
From: Ade Weiss W0RSP <adeweiss@sd.value.net>  
To: qrp-l@lehigh.edu  
Subject: [139600] Re: Ground Radial Construction Tips --P.S.  
Message-ID: <4GKJC7RM62HGLIA6E0KI2UXR2UJHUT.3dcca417@aweiss>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="windows-1252"

Ooops, I forgot to mention: I usually put my p.c.b. plate inside a regular kitchen plastic container. I just use a box-cutter to make a slit for the radials to enter. Of course, this won't work with a roundish p.c.b. plate.

The other option is simply to coat the whole thing with silicon gutter seal.

72, Ade

-----  
Date: Fri, 08 Nov 2002 00:14:20 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: rohre@arlut.utexas.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139601] Re: Q 5 signals



Message-ID: <3DCB563C.1A806D6@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

That matches my memory, Stuart. The "Q5-R9" is a blend of the Q-signal system and the ancient R1-R9 system used after WWI until the RST system came along. After WW2, Millen made a little 6AK5 preamp they called the "R-Niner."

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

Stuart Rohre wrote:

>  
> Russ, they came from I think a QSA Q signal, maybe an old timer will  
> confirm.  
> The exchange when checking on your signal: QSA?  
> QSA (1 to 5) with 5 being the best signal.  
> 73,  
> Stuart K5KVH

-----  
Date: Thu, 7 Nov 2002 23:45:38 -0700 (MST)  
From: Riyadhth Al-Kazily <riyadth-q@rmci.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [139602] Many items for sale  
Message-ID: <Pine.LNX.4.33.0211072344340.14267-100000@spektr.al-kazily.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

All,

I've suddenly discovered that I've got way too much stuff, and some has to go (especially if I want to buy myself a nice Christmas present this year), and I thought some of you might be interested. There is quite a bit of Ten-Tec equipment, and this e-mail will not be complete. For a full listing (with pictures) check out my web page at:  
<http://www.qsl.net/kb7ywe/ForSale.html>

The highlights are:

1. Ten-Tec Scout 555, hand mic, power cord, manual, and a module: \$300

2. Ten-Tec Argo 556, hand mic, power cord, manual, and a module: \$300
  3. Additional modules (All available, check website): \$20 each
  4. Mobile bracket for Scout/Argo: \$15
  5. Ten-Tec Argonaut 509, hand mic, power cord, and manual: \$200
  6. Ten-Tec Model 228 antenna tuner: \$50
  7. Ten-Tec 1254 Shortwave receiver kit (built): \$100
  8. Emtech ZM-2 antenna tuner (built): \$50
- ... and many more items (laptop, palmtop, PDA, keyer, voltmeter, ...)  
Check out the web page!

Prices do not include shipping, but are negotiable, so just drop a note if you are interested, or want more information on anything on the list.

-Riyadth, KB7YWE

--

Riyadth Al-Kazily	KB7YWE	DoD #295
riyadth@rmci.net	Star, Idaho	

-----

Date: Fri, 8 Nov 2002 00:49:46 -0600  
From: Mark Fields <mark\_ke5my@juno.com>  
To: qrp-l@lehigh.edu  
Cc: fpqrp-l@mpna.com  
Subject: [139603] Ten-Tec 1340 mod for add'l freq coverage  
Message-ID: <20021108.013151.-84335.5.mark\_ke5my@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Fellow QRPers:

Some time back, someone was offering a Ten-Tec 1340 transceiver for sale. The rig had a modification that enabled additional coverage of the 40 meter band. The mod involved a second VFO toroid (inside the receiver case) and the tuning range was selected by a two-position toggle switch mounted on the front panel, just to the right of the headphone jack.

If that person sees this message, could they please contact me? I had the description of that mod in one of my e-mail folders, but a few days ago, my computer started acting up, and I lost over 100 messages (including that one). I have a TT 1340 and would like to make that mod to my rig.

TIA!

73, Mark, KE5MY

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Date: Fri, 08 Nov 2002 00:57:06 -0700  
From: Dave Fuller <rfdma@spinn.net>  
To: qrp-l@lehigh.edu  
Subject: [139604] FOX: WD7Z Prelim Log  
Message-ID: <5.1.1.5.2.20021108005024.01fe7718@mail.spinn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks for the great hunt guys. This is great CW training!  
When I was a novice I was terrified when someone would call me.....  
Now I'm terrified when everyone calls me!

I think the real veteran Fox would be able to get his columns to line up!  
It's 1am and I'm baffled? Best I can do tonight.....Any suggestions?

I had a great time. I noticed a lot of changes in signal strength as the  
band moved around.  
Thanks to W6TER in loaning me his dipole.

IC-735 @ 5W  
40 m Dipole at 125 ft. North to South  
Laptop running Writelog

>>>1	NX7U	2:01	579	AZ	OTTO	5w	
>>>2	K5DW	2:01	559	TX	DON	5w	
>>>3	K0FPR	2:02	559	CO	AL	5w	
>>>4	N0UR	2:03	559	MN	JIM	5w	
>>>5	K3IU	2:04	559	RI	KEN	5w	
>>>6	W9UQB/7	2:06	559	AZ	MIKE	5w	
>>>7	KA5LD	2:06	559	TX	DAN	5w	
>>>8	W0CH	2:07	559	MO	DAVE	5w	
>>>9	K5EOA	2:08	559	LA	WAYNE	5w	
>>>10	N1FN	2:10	559	CO	ET		5w
>>>11	N0DSP	2:11	559	CO	TOM	5w	
>>>12	WA9TZE	2:12	599	WI	JIM	5w	

>>>13	W9XT	2:12	559	WI	GARY	5w	
>>>14	AC5JH	2:14	559	OK	TOM	5w	
>>>15	K5JHP	2:15	559	TX	BILL		5w
>>>16	WE9K	2:16	579	WI	GLENN	5w	
>>>17	K2QO	2:16	559	NY	MARK	5w	
>>>18	N4ROA	2:17	559	VA	DAN	5w	
>>>19	NQ7K	2:18	559	AZ	MIKE	5w	
>>>20	NQ7X	2:18	559	AZ	FLOYD	5w	
>>>21	NK6A	2:19	559	CA	DON	5w	
>>>22	W5USJ	2:19	559	TX	CHUCK	5w	
>>>23	K5AIC	2:21	559	MS	HERB	5w	
>>>24	KQ5U	2:21	559	TX	TERRY	5w	
>>>25	NK9G	2:22	559	WI	RICK	5w	
>>>26	N9AW	2:23	559	WI	JERRY	5w	
>>>27	KI0II	2:24	559	CO	RON		1w
>>>28	KG6CYN	2:25	559	CA	TREV	2w	
>>>29	W5YR	2:26	559	TX	GEORGE	5w	
>>>30	K2ZN	2:27	579	NY	AL		5w
>>>31	N0TU	2:28	559	CO	STEVE		750mw
>>>32	N4BP	2:29	599	FL	BOB	5w	
>>>33	N7CL	2:30	579	AZ	ERIC	5w	
>>>34	N2WW	2:30	559	CO	LARRY	5w	
>>>35	AC7A	2:31	579	AZ	TOM	5w	
>>>36	K4GT	2:31	559	GA	JIM		5w
>>>37	N9NE	2:32	559	WI	TODD		100mw
>>>38	K4TJD	2:34	559	GA	TOM	5w	
>>>39	N0WX	2:34	579	MN	MIKE	5w	
>>>40	K5SR	2:35	559	TX	DALE	5w	
>>>41	K9DC	2:37	559	IN	DAVE	5w	
>>>42	W9HL	2:37	559	IL	RANDY	5w	
>>>43	AB9CA	2:38	559	AL	DAVE	5w	
>>>44	W0LK	2:39	559	AR	BOB	5w	
>>>45	W0RSP	2:39	579	SD	ADE	4w	
>>>46	K4OAH	2:40	579	GA	GAREY	5w	
>>>47	W9XU	2:41	559	WI	LON	5w	
>>>48	AJ4AY	2:41	559	AL	JAY	5w	
>>>49	N3AO	2:42	559	PA	CARTER	5w	
>>>50	K8CV	2:43	559	MI	WALT	5w	
>>>51	VE6EX	2:45	559	AB	DAN	5w	
>>>52	VE6JAZ	2:46	559	AB	ROB	5w	
>>>53	VA6RF	2:47	559	AB	EARL	5w	
>>>54	WD9F	2:48	559	IL	WOODY	5w	
>>>55	N5ZE	2:49	559	TX	LEW	5w	
>>>56	AB5XQ	2:50	559	AR	BILL	5w	
>>>57	K8HJ	2:51	559	MI	JOHN	5w	
>>>58	K6MMC	2:52	559	CA	MIKE	5w	
>>>59	N5EBD	2:53	559	TX	KEN	5w	
>>>60	K5FSE	2:53	599	GA	JACK	5w	

>>>61	AF4LQ	2:55	559	VA	ALAN	5w
>>>63	AG0T	2:56	589	NE	TODD	4w
>>>64	VE3FAL	2:56	559	ON	FRED	5w
>>>65	W6ABC	2:57	559	CA	JACK	5w
>>>66	K2PQ	2:58	559	NJ	FRANK	5w
>>>67	AE4Y	2:59	559	GA	KENT	5w
>>>68	NM5M	2:59	559	TX	ERIC	5w
>>>69	N0HRL	3:00	559	MN	KEN	5w
>>>70	VE4WI	3:01	559	MB	CRAIG	5w
>>>71	W3SMK	3:02	559	NY	STEVE	5w
>>>72	K5PSH	3:03	599	TX	JERRY	4w
>>>73	WS4S	3:04	559	TN	CONARD	5w
>>>74	W8YMO	3:06	559	OH	HARRY	5w
>>>75	WK5Q	3:07	559	NTX	BUD	500m
>>>76	WB6BWZ	3:08	579	GA	MATT	5w
>>>77	K3ESE	3:09	599	MD	LLOYD	5w
>>>78	N3XRV	3:10	559	PA	CHRIS	5w
>>>79	K5TR	3:10	599	TX	GEO	500m
>>>80	W5TB	3:11	559	TX	DOC	5w
>>>81	WW7Y	3:12	599	UT	STEVE	5w
>>>82	WA4CMI	3:14	559	VA	AL	5w
>>>83	K5ZTY	3:15	559	TX	BILL	5w
>>>84	VE5DC	3:16	559	SK	JERRY	5w
>>>85	NU4N	3:16	599	KY	DAVE	5w
>>>86	N8XE	3:17	559	OH	JASON	5w
>>>87	K0PC	3:18	559	MN	PAT	5w
>>>88	N1TP	3:19	559	FL	TOM	5w
>>>89	W3KC	3:21	569	MD	CHAS	5w
>>>90	VE5RC	3:23	229	SC	BRUCE	5w
>>>91	K4ADI	3:23	559	SC	FRANK	5w
>>>92	W0PWE	3:24	579	IA	JERRY	5w
>>>93	WA2DGD	3:25	559	PA	LARRY	5w
>>>94	K1KID	3:26	559	MA	CARL	4w
>>>95	KG4LDY	3:27	559	VA	JIM	5w
>>>96	KV2X	3:28	559	NY	TOM	5w
>>>97	KC9LC	3:29	559	VA	RANDY	5w
>>>98	WB9HFK	3:30	559	IL	MARK	5w
>>>99	KJ0C	3:30	599	MO	JIM	5w
>>>100	KB9YIG	3:31	559	IN	TONY	500m
>>>101	WV9N	3:32	559	OH	RANDY	5w
>>>102	KK5LD	3:33	559	TX	JIM	5w
>>>103	N0JRN	3:34	559	MO	JERRY	5w
>>>104	AD6JY	3:34	559	CA	DAN	5w
>>>105	N9WW	3:35	559	IL	JIM	5w
>>>106	WA8BXN	3:36	559	OH	MIKE	5w
>>>107	W2XN	3:38	559	FL	FRED	5w
>>>108	K9IS	3:38	559	WI	STEVE	5w
>>>109	N5IB	3:39	559	LA	JIM	500m

>>>111	KC2CK	3:41	559	NY	DON	1w
>>>112	NV4V	3:41	559	KY	PETE	5w
>>>113	WA7TQK	3:42	559	ID	BILL	5w
>>>114	K0INT	3:46	599	CA	ED	5w
>>>115	K4TJD	3:47	559	GA	TOM	5w
>>>116	W6AZ	3:49	559	CA	RON	5w
>>>117	W4YN	3:50	559	NC	TIM	4w
>>>118	KB7WW	3:53	559	OR	ART	5w
>>>119	WB8WTU	3:56	559	OH	DENNIS	2w
>>>120	K4FB	3:57	559	FL	PAUL	5w
>>>121	KR0U	3:59	559	CO	TIM	5w
>>>122	K7MRV	4:00	559	OR	PAT	5w

>

-----

Date: Fri, 08 Nov 2002 06:20:48 -0500  
 From: "Charles Mabbott" <aa8vs@msn.com>  
 To: richard\_johnson@credence.com, qrp-1@lehigh.edu  
 Subject: [139605] Re: About morse  
 Message-ID: <F10xYHLBQhExkiyPoHZ000001d8@hotmail.com>  
 Mime-Version: 1.0  
 Content-Type: text/plain; format=flowed

Keep in mind only my opinion and they may vary....  
 I have used a rig without side tone and the only way I could send reasonable code was with a straight key. There is such a thing as muscle memory [something like that] that when you practice your muscles will do the right thing so to speak.

With an Iambic it was difficult to get the timing of the keyer without hearing the dot pattern being generated. No matter how long I practiced I could not get the muscles trained for this one. In my case, there was no mechanical click from the Iambic for me to listen to. Fortunately the keyer had it's own side tone capability to make up for the radio's short coming.

I did not even try a bug at that time. But from my personal experience I can send decent code with out a side tone, but only using a straight key. I would chose not to subject the folks to my adventures with an Iambic without the sidetone.....

73 oo  
 Chuck AA8VS

"Whoever said the pen is mightier than the

sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: "Richard Johnson" <richard\_johnson@credence.com>  
>Reply-To: richard\_johnson@credence.com  
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
>Subject: About morse  
>Date: Thu, 07 Nov 2002 16:38:08 -0800  
>  
>Just playing with the virtual bug and had a thought.  
>  
>Remember i don't know code yet.  
>  
>When you send code is your trained reflex tuned to the "feel" of a  
>dit/dah or is it your "ear" tuned into the side tone that you reflex on?  
>  
>In other words do you need the side tone? Now that side tone may be the  
>mechanical click of the key.  
>  
>cheers,  
>rich

---

The new MSN 8: advanced junk mail protection and 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

---

Date: Fri, 8 Nov 2002 06:59:54 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <k7qo@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139606] Re: Harbor Freight Shear/Brake/Roller Owners  
Message-ID: <002a01c2871e\$5b389a40\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> And a final note. I get the shear back together and I have one single

small

> hex screw left over. The shear works and the brake works so I have no  
> earthly idea where I missed it. Some days are diamonds and some days  
> are rust.

This reminds me of the time I was working on a motorcycle engine. Got  
it all back together, and had one bolt left over. And one hole to put it  
in. Only bad part was the bolt didn't fit the hole!

Mike

-----  
Date: Fri, 8 Nov 2002 06:27:52 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [139607] Sale or Swap  
Message-ID: <000901c2872a\$a4ca6920\$1ccc1341@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have for sale or swap for a laptop computer a 35mm camera and lots of  
lenses and stuff also a Viz volt ohm meter, a J38 key with all the original  
hardware, and a breadboard 840 plugins holds up to 8 14 pin IC's Please reply  
direct Thanks for the BW Cal KF7ET colcal@srv.net

-----  
Date: Fri, 08 Nov 2002 08:36:48 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [139608] Re: Harbor Freight Shear/Brake/Roller Owners  
Message-ID: <5.1.1.6.1.20021108083421.00a58ec0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>And a final note. I get the shear back together and I have one single small  
>hex screw left over. The shear works and the brake works so I have no  
>earthly idea where I missed it.



Chuck,

Fear not - after working in 2 different repair shops (not to mention the repairs I do at home) I've discovered that it's necessary to have a screw left over for it to work right. Either that, or you have to leave blood on it somewhere. I frequently end up doing both.

Dave

-----  
A Real Programmer can write FORTRAN in any language.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 08 Nov 2002 09:03:54 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139609] Re: Yaesu FT-817  
Message-ID: <3DCBC44A.181BA85C@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

"Karl F. Larsen" wrote:

>  
>        Seems to be time to say a little about this rig.

I don't think you need to be worried about this rig not getting enough attention. Not to criticize you you, Karl, but sometimes I wish this rig didn't exist. You read about it everywhere. And every magazine seems to have to "review" the same accessories over and over again. When we get closer to xmas it will only get worse.

When someone knits a new pouch for it, you'll have to read about it in every major publications for months to come. It really has gotten silly at times. First you have to read about it as a "new product release" in QST. Next there will be "product review" about it in CQ; QST will follow again with a "new product release" (ever noticed that QST lists some products as new, several times a year, sometimes in different years). CQ will then talk about the pouch again in their next issue in a "top ten accessories" article. QST decides to do a review of the pouch (notice the neat lil' side pocket for spare change, that sets it apart from all

the other pouches!). It's getting closer to xmas, so CQ will have to talk about this piece of knitted cloth in their "top ten xmas gifts" article (they now also noticed the neat lil' change pocket). QST finds out that the pouch looks pretty good in your go-bag, will explain this to you in no less than 200 words, and advises you to put reflective duct tape on it for heightened visibility. CQ will interview the guy who knitted the pouch and asks if the reflective tape will be included in the next version, and promises to do a complete report on it in the next issue. QST will list the old pouch again as a "new product release".

And then of course there are the shrink wrapped AA NiMh cells you can write about to no end, and the ever popular overpriced helical wound dummy loads etc...

Ok I'm ready for the weekend now. :)

73,  
--Alex KR1ST

-----  
Date: Fri, 08 Nov 2002 09:20:18 -0500  
From: "Randy Randall" <RANDALLR@healthall.com>  
To: <qrp-1@lehigh.edu>, <giamman@rouge.phys.lsu.edu>  
Subject: [139610] Re: hand cranked generator  
Message-ID: <sdcb81d6.086@jhs\_izar.healthall.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

How about the generator out of one of the old lifeboat emergency radios?  
The ITT Mackay 403 comes to mind.

Randy AB9G0

>>> Jim Giammanco <giamman@rouge.phys.lsu.edu> 11/07/02 07:20PM >>>  
I pass along this tidbit, as there has been some interest in the past  
in  
generators for rig power.

PASCO, a maker of lab and demonstration apparatus for education,  
<<http://www.pasco.com>> just introduced a hand cranked demonstration  
generator (#EM-8090) that the catalog specifies as up to 12 volts and  
up to  
25 watts. Not indicated if its AC or DC. 25 W at 12 V = about 2 A,  
plenty

enough to run a QRP rig, so long as you remember to feed the cranker....

Not cheap at \$119, but their stuff is usually very robust as it has to be student-proof, and professor-proof, which is tougher :^)) See the Murphy theorem: It's hard to make a device foolproof 'cause the fools are so very clever.

No pecuniary interest, etc, and I've not even seen one in the flesh...

72

Jim N5IB

-----  
Date: Fri, 08 Nov 2002 09:37:33 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: kr1st@amsat.org,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139611] Re: Yaesu FT-817  
Message-ID: <3DCB85DD.24622.1EBA2DCB@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 8 Nov 2002 at 9:03, Alex wrote:

> "Karl F. Larsen" wrote:  
> >  
> > Seems to be time to say a little about this rig.  
>  
> I don't think you need to be worried about this rig not getting  
> enough attention. Not to criticize you you, Karl, but sometimes I wish  
> this rig didn't exist. You read about it everywhere. And every magazine  
> seems to  
> have to "review" the same accessories over and over again. When we get  
> closer to xmas it will only get worse.

AMEN! Alex. You would think Yaesu "invented" QRP (when we all know Al Gore did).

The only good thing I can say about the 817 is that it is "cute." It's

receiver is 1970s quality, the stock transmit audio is barely adequate (hence all the add-ons), and it draws WAY too much receive current to be a really good backpack rig. On CW, it doesn't even have real QSK, which is unbelievable in a supposedly state-of-the-art rig.

Yes, it has 50,144 and 432 Mhz. Neat. You can play on the repeaters, just like the other pseudo-CBers.

Bah, Humbug.

---  
+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Fri, 8 Nov 2002 08:40:19 -0600  
From: "KD5NWA" <KD5NWA@mbayona.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139612] RE: Argonaut V and other radios sold as main station radios amd  
voltage spec summary  
Message-ID: <ODEHLGCFKOMOKMFFMBCLMENLCBAA.KD5NWA@MBayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I used a Kentwood TS-450 during field day and, it went ballistic when my battery hit 11.8, the phase lock loop would not lock and the frequency was going all over the place.

Cecil  
KD5NWA

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Stuart Rohre  
> Sent: Thursday, November 07, 2002 7:39 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Argonaut V and other radios sold as main station radios amd  
> voltage spec summary  
>  
>  
> Mike, no, it was not a mal functioning Argonaut. Their spec  
> clearly states

> 12 volts as low end.  
>  
> The Kenwood 440, 450 and similar home/ mobile rigs state 12 volts to some  
> higher level that allows use as a mobile rig. The various 10m single band  
> radios seem to do as well. (Radio Shack, etc.)  
>  
> The Ten Tec Scout has spec in manual with 12 volts as low end,  
> and up to the  
> usual spread of automotive voltage on "12 volt" systems.  
>  
> Others have reported in private emails similar ratings on Yaecomwoods of  
> various models. 12 volts with 13.8 nominal rating to take the  
> usual MFJ and  
> Astron power supplies in AC line use.  
>  
> One poster on list stated he knew of lots of "equipment" that would take  
> less than 12 volts and work to full spec apparently. I would hope he will  
> post if any of this gear was amateur radio transceivers sold for  
> the mainly  
> base station use (and automotive mobile).  
>  
> Regulators such as used in the Scout require a 2 volt differential to stay  
> in regulation. A prudent manufacturer using a 10 volt regulator  
> would then,  
> reasonably limit his low end input voltage to 12 volts DC, period.  
>  
> Specialty radios designed for Field use, and widely varied QRP use,  
> (remember the Argonaut is 20 watts and the Scout 50 watts), sometimes spec  
> their radios at differing voltage, eg. the Elecraft K2. The single band  
> kits may or may not operate below 12 volts.  
>  
> I think it is fair to say commercial manufacturers outside the QRP segment  
> have a de facto 12 volt lower voltage spec. Individual radios may do  
> better, but production spread guarantees the 12 volt level, only.  
>  
> We have heard voltage ratings on Patcomm, several models of Ten  
> Tec, several  
> of Yaecomwood, thus I am satisfied to operate at 12 volts, as our club has  
> for 7 years at Field Day, completely battery powered. That is the industry  
> norm. As usual, hams will try to stretch things but no manufacturer other  
> than Elecraft has really made a low power drain radio for both home and  
> field with most of the features afforded by a computer inside.  
>  
> By all reports so far, the Argonaut V delivers just what the  
> manufacturer's  
> specification sheet states, and works quite well in sensitivity  
> and dynamic  
> range department as compared to other good receivers such as the K2.

> 72, Stuart K5KVH  
>  
>

-----  
Date: Fri, 8 Nov 2002 06:58:52 -0800 (PST)  
From: Gary Slagel <gdslagel@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139613] Re: Contest Antennas and SS REcords - LONG  
Message-ID: <20021108145852.57646.qmail@web11608.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Brian,

Thanks for the report. You bested me by almost 100  
qsos and I WAS surprised when I saw you were using a  
bunch of wire antennas. I'm using a 2 el quad at 40'  
for 10/15/20 and an 88' doublet at 35' for 40/80. Our  
scores were almost identical on 10/15/20 but you were  
WAY ahead of me 40/80. Looks like I need a big ol'  
loop for next year!

But... your vee beams were really impressive and seem  
ideal for portable efforts. I want to make sure I  
know what they are. Are they basically 150' and 200'  
doublets at 35' high? What did the w7el ezrec  
software say about them?

Congrats on ur fb effort in SD (I'm jealous... I'm an  
old SD boy!) and thanks again for the info.

Gary

>  
> My primary antenna is an 80M horizontal loop. The  
> dimensions are 300  
> feet around, not critical at all.  
>  
> The other 2 antennas are wire vee beams, same  
> wire as above, ....  
> The  
> vee beams are both about 35 feet high at the apex,  
> the ends go to the  
> ground. No termination's are used, so they are  
> bi-directional. One is

> 150 feet long, the other 200 feet long.  
>

=====

Gary Slagel/N0SXX  
Conifer, CO 80433  
gdslagel@yahoo.com  
Personal Website: <http://gdslagel.bravepages.com>

-----  
Do you Yahoo!?  
U2 on LAUNCH - Exclusive greatest hits videos  
<http://launch.yahoo.com/u2>

-----  
Date: Fri, 08 Nov 2002 10:14:53 -0500  
From: "Charles Mabbott" <aa8vs@msn.com>  
To: qrp-l@lehigh.edu  
Subject: [139614] OT: Vacation in Hawaii -- play radio read on....  
Message-ID: <F40pczeyifMH2knFMjL00000509@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Thinking about vacation, forgot radio gear, want to try and  
operate, check out this site.....

<http://www.kh6bb.org/>

73 oo  
Chuck

-----  
Help STOP SPAM with the new MSN 8 and get 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

-----  
Date: Fri, 8 Nov 2002 09:31:58 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-l@lehigh.edu>  
Subject: [139615] FOX- the Scribe wonders!  
Message-ID: <Pine.LNX.4.33.0211080859570.15484-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...picture this...

...it's 0401Z in the VE5RC's radio shack...it's been a frustrating hunt...his left hand still grips the side of the keyboard tray...his right hand, not moving, still lightly touches the paddles...

...one single drop of sweat slowly and crookedly makes the inevitable downward journey from his forehead and drops...his breathing is almost back to normal...

...as we gaze at his forehead, some unknown force expands and magnifies it until we are looking at his gray matter...one area in particular....the area of "thought"....the connection is made and suddenly we can understand...the words come through clearly...

"I wonder!?!.....did you ever notice that propagation in VE5 land can be non-existent?...RF hole,,,RF curtain...now, that's lousy.....also did you ever notice that the weather in VE5 land can be the pits?...now that's lousy too..."

"I wonder!?!...did you ever notice how the terribly cold weather swirls around the North Pole so fast in a ccw direction that it escapes the circle and heads straight for the north-east corner of Saskatchewan and travels straight through the province kitty-corner?..."

"I wonder!?!...there seems to be a connection between propagation and the weather...I wonder eh!?!...."

...a voice wanders through the silence..."Bruce, tea?"

...his eyelids flicker once, his grip on the keyboard relaxes as his right hand slides away from the paddles...as his head turns to the right looking out into the living room he says..."Sounds good honey."

...he leaves the radio shack and sits down in front of the steaming tea...Bonnie asks "How was the hunt?"...

...as he raises the hot tea to his lips he says "Well it started off bad and bowed to mother propagation soon after."...

...Bonnie says "Ah, mother propagation, not to be denied."...

...his head quickly lifts and a smile spreads out over his face as he thinks to himself "She understands!"...

...hambly, the Scribe.

-----

Date: Fri, 8 Nov 2002 10:44:19 -0500 (EST)

From: <n2go@arrl.net>

To: <qrp-1@lehigh.edu>

Subject: [139616] Lightning/ antenna grounding

Message-ID: <Pine.LNX.4.33.0211081041580.16234-100000@valhalla.v>

MIME-Version: 1.0



Content-Type: TEXT/PLAIN; charset=US-ASCII

What is the consensus of opinion. Disconnect the antenna when not in use or ground the antenna feedline at the transmit end? It would seem that each has its shortcomings.

73,

Jim n2go

-----  
Date: Fri, 8 Nov 2002 15:56:12 +0000 (GMT)  
From: "Adam Vazquez (Kb2Jpd)" <adamvaz@palm.net>  
To: <qrp-1@lehigh.edu>  
Subject: [139617] [OT] New Linux on CD  
Message-ID: <20021108155612.A2952450B@mo110uhou.palm.net>  
Mime-Version: 1.0  
Content-Type: text/plain ; boundary="-----=\_Part\_119010\_3433962.1036770972669"

This post is off-topic but should be of interest to hams with a interest of personal computers and ham radio.

If you are interested in a boot from cd Linux system for the operating position, setting multiple computer logging stations for a contest, this might be the one version of Linux you might want to use and hand out. It will not require installation to hard drive and the price is right for personal or club use.

-KNOPPIX ([www.knoppix.org](http://www.knoppix.org))-

Awhile there are quite a few software packages for hams available on this alternate operating system, one big problem for parties interested in just trying out Linux is that you have to repartition your hard drive to start out. With this one, just drop in the cdrom drive and reboot.

Here is a post from a fellow geek I gave a copy to.

-----  
I am currently writing this email from Knoppix, which is currently running off the CD. From cold start to fully functioning KDE desktop took 3 minutes and no configuration on my part. And keep in mind this included booting the image from a floppy, the CD is probably about 30x, and the machine is a Dell with a Celeron from 1999. Increase the processor a generation and boot off the CD exclusively, and one can image the time from cold start to KDE to under 2 minutes. Slammin! And it is fully loaded with KDE office, OpenOffice, Perl, Python, editors, HTML editor, GIMP(photo editor), PPP tools, network tools, Galeon,

Konqueror, Mozilla, games, vim, emacs, WINE (runs win programs) and the ability to run Java class and jar files (but not javac from source). Absolutely amazing. No geek should walk the streets of this town without a Knoppix CD in their bag, ready to be whipped out at a moment's notice to prove ...the power of Linux.

-----  
Why mention this version? If you want a durable version of Linux and able to create your own bootable CDs, add your ham software, take out what you don't need, and boot off the CD. If you can't, make a boot floppy and it will search for the CD.

Try it.

-----  
Date: Fri, 8 Nov 2002 13:45:39 -0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: <w5yr@att.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139618] Re: About morse  
Message-ID: <DAV54HaKtKufVma0osA000015e3@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, November 08, 2002 5:48 AM  
Subject: Re: About morse

> If you really want to mess with someone's mind, have them send CW at a  
> pretty good clip and delay the sidetone signal about 1/4 to 1/2 second.  
> Same thing as when you talk into an audio system and hear a delayed voice  
> sidetone. In a second or two you find that you cannot speak. Same with  
> sending code, especially with a paddle where you don't have the tactile  
> feedback that you get with a bug or hand key.

Interesting. I've done some experiments with speech going directly to one ear, and delayed speech going to the other ear (one of the fun things you can do with DSP). That disrupts perception quite effectively, if the delay

is about 0.5 s. I've been told the technique is used in a hearing test, to see if someone \*really\* is deaf in one ear.

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----

Date: Fri, 08 Nov 2002 11:24:32 -0500  
From: Dave Fouchey <dafouchey@comcast.net>  
To: adeweiss@sd.value.net,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139619] Re: Ground Radial Construction Tips --P.S.  
Message-ID: <4.1.20021108112137.009734c0@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Or solder the wires, nuts and all after completion. I used a sheet of galvanized metal to make a circular radial terminus. Then soldered everything afterwards including to the mounting pipe the 14AVQ was mounted on, never had a problem. (A propane torch comes in VERY handy for this!)

Dave  
WA4EMR

At 11:58 PM 11/8/02 -0600, Ade Weiss W0RSP wrote:

>Ooops, I forgot to mention: I usually put my p.c.b. plate inside a  
>regular kitchen plastic container. I just use a box-cutter to make  
>a slit for the radials to enter. Of course, this won't work with a  
>roundish p.c.b. plate.

>

>The other option is simply to coat the whole thing with silicon  
>gutter seal.

>

>72, Ade

>

>

-----

Date: Fri, 08 Nov 2002 16:25:20 +0000  
From: "Al West" <fawest@hotmail.com>

To: qrp-1@lehigh.edu  
Subject: [139620] Re Q-5 Signal Reports  
Message-ID: <F107xzmWecm9t0CI76r00001604@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I believe that Q5 is refering to QSA 5, QSA 1-5 being the CW Q signal for signal strenth.

Al West, K7JUB  
Tucson

Previous Message:

>Over the years I have heard countless "Q5 S9" reports on AM/SSB. Judging  
>purely from observed usage, I believe R (or Q) and S  
>measure two different attributes of a signal -- Readability/Quality, and  
>Strength -- and one cannot "equal" the other.

>Interesting thread. I never knew about the PQS system for  
>Amateur TV. Learn something new every day... :-)

>73,  
>Russ N7DW

---

MSN 8 with e-mail virus protection service: 2 months FREE\*  
<http://join.msn.com/?page=features/virus>

---

Date: Fri, 08 Nov 2002 11:35:35 -0500  
From: Dave Fouchey <dafouchey@comcast.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139621] Re: Ground Radial Construction Tips --P.S.  
Message-ID: <4.1.20021108113417.00998a50@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

This was modeled on a design Sevick used for his highly shortened 40 meter vertical from his QST article many moons ago.

Dave  
WA4EMR

At 11:24 AM 11/8/02 -0500, Dave Fouchey wrote:

>Or solder the wires, nuts and all after completion. I used a sheet of  
>galvanized metal to make a circular radial terminus. Then soldered  
>everything afterwards including to the mounting pipe the 14AVQ was mounted  
>on, never had a problem. (A propane torch comes in VERY handy for this!)

>  
>Dave  
>WA4EMR  
>

>At 11:58 PM 11/8/02 -0600, Ade Weiss W0RSP wrote:

>>Ooops, I forgot to mention: I usually put my p.c.b. plate inside a  
>>regular kitchen plastic container. I just use a box-cutter to make  
>>a slit for the radials to enter. Of course, this won't work with a  
>>roundish p.c.b. plate.

>>  
>>The other option is simply to coat the whole thing with silicon  
>>gutter seal.

>>  
>>72, Ade  
>>  
>>

-----  
Date: Fri, 08 Nov 2002 11:01:01 -0600  
From: Dave Hottell <hottell@gulftel.com>  
To: jhisson1@columbus.rr.com,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139622] Re: Ground Radial Construction Tips  
Message-ID: <3.0.6.32.20021108110101.00a7c210@pop.gulftel.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Jason,

I use a piece of #12 wire about 36" - 40" long. Form it into a circle (about 10" in diameter or so), wrap and solder the two ends together and place it over the vertical mounting post. Then make a 1/2 turn around it with each radial wire and tack solder. Run a connection (or two or three) from the wire circle up to the ground attachment point on the antenna. Easy to install and remove (when necessary), and good trouble-free electrical connections.

At the ouside end I wrap the radial wire around a nail and stick the nail into the ground. Holds the wire fairly taut and flat. The radials are just lying on the ground and the grass grows over them in about a year. I have removed one with the lawn mower though (out of 48 radials, three verts).

I removed one of my verts the other day and was somewhat surprised to see that where the copper was underground it was clean and shiny, while that exposed to air was lightly corroded.

If you used tinned copper wire for the radial wires there would be no corrosion.

Hope this helps.

73 es gl,  
Dave  
AB9CA

At 09:58 PM 11/7/02 -0500, Jason Hissong wrote:

>Hi guys,

>

>This weekend I will be installing a vertical (Hustler 4BTV with 30M kit). I  
>will be installing it at ground level and will be installing a radial  
>system. I need some pointers on getting all the radials to come together at  
>the base (using items available at Home Depot). I will be installing 64  
>radials at about 25'-30' long. I know soldering them at the base won't last  
>long in the elements. I also found a page where they recommend using solid  
>#6 copper wire to use as staples every 10' so that I can just lay the  
>radials on the ground.

>

>To keep it on the subject of QRP, I will be using the antenna for QRP ;-)

>

>Thanks!

>

>Jason Hissong

>N8XE

>

>

-----  
Date: Fri, 8 Nov 2002 08:58:57 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@lehigh.edu>  
Subject: [139623] Re: Bi-Square Antenna Info?

Message-ID: <MABBJOEABOILMKCJCLFCGEEDDLAA.n6wg@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mike

The bi-square, if it is the antenna I'm thinking of, is very simple.  
The one I'm describing is just a diamond, with all four sides equal, each one half-wave long.  
The diamond is open at the top (wires not connected), and the feedpoint is at the bottom. You are feeding the antenna at a high impedance point, so the best way is to connect a quarter wave length of 300 ohm twinlead or 450 ohm ladder line. This will transform the high Z down to a low Z for easy matching with coax. A 1:1 balun would be appropriate if you are trying to maintain the clean figure 8 pattern the antenna gives.

An easy afternoon project.

73, Bob N6WG

-----  
Date: Fri, 08 Nov 2002 11:52:27 -0500  
From: "David Adams" <david@theadamsclan.com>  
To: qrp-1@lehigh.edu  
Subject: [139624] Extech Meter  
Message-ID: <E18ACMt-00033P-00@host3-server.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1

Greetings! Does anyone know anything about Extech meters? I finally (believe I) know what happen to my missing Fluke 79 meter and other test equipment. It seems that the workmen who replaced our patio door and siding have walked off with it...or at least I'm not the only townhouse dweller who had things disappear on the day the sliding glass doors were removed. Can't prove anything though...will try and speak to the townhouse managers again this evening...at least they left the oscilloscope.

Regardless, ratshack has a new extech meter listed in their catalog which seems capable enough and includes a 10Mhz freq counter for \$89, so the price seems right. Any info appreciated.

Dave

-----  
Date: Fri, 8 Nov 2002 08:54:08 -0800

From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>  
 To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
 Subject: [139625] ARRL SS QRP results posted to 3830 reflector  
 Message-ID: <005001c28747\$76c45000\$5c3ccd18@charterpipeline.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
         charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Anyone remember when the QRP category in the ARRL CW SS had fewer than  
 2-dozen entrants?????  
 (hint--it wasn't too long ago!)

```

~~~~~
Call           QS0s  Secs   hr      Score Club
Single Op QRP
W5WMU(N6TR)    1105   79     24     174,432 Cajun Contest Club
K7UP           881    79     24     139,198
K7MM           787    78     24     122,722
KG5U           772    79     22     121,976 TDXS
K4RO           766    79     22     121,028 TCG
W9WI           762    79     22     120,396 TCG
N0UR           752    79     23     118,816 MWA
N7IR           765    77     24     117,810 Central AZ DX Associ
N7OU           757    77     24     116,578 WVDXC
N2CU           725    79     24     114,550 WNYDXA

K5WO           729    77     24     112,266 NTCC
K1AM           678    80     24     108,400 YCCC
K0RI           674    78     20     105,144
K7RE           673    77     24     103,642
K0PC           669    77     22     103,026 MWA
N9NE           636    80     24     101,760 SMC
WD7Z           628    79     24      99,224
W2CS           635    77     19     97,790 PVRC
K4MX           627    77     21     96,558
N0SS           626    77     19     96,404
VE3XAX         603    79     24     95,274 CCO
N9CIQ          591    77     14     91,014 MWA
N0SXX          580    76     22     88,160 Grand Mesa
K7QO           552    77     20     85,008
N2WK           490    76     17     74,480 RDXA
WA4PGM(KYLE)   428    77     13     65,912
N8IE           407    79     23     64,306
W4PM           416    77     11     64,064
N4KG           373    79     12     60,514 Other (specify when
N7RVD          393    70     18     55,020
WA5BDU         348    77     14     53,592
  
```



NK6A	327	66	11	43,164	southern calif dx cl
KX7L	295	73	11	43,070	
AG0T	277	67	22	37,118	
WR50	211	70	12	29,540	
W2EB	215	68	14	29,240	
N2CQ	213	64	6	27,264	FRC
K9IUA	206	66	12	27,192	
K7GT(@WA6YHJ)	202	66	6	26,664	NCCC
W6RCL	200	66		26,268	
WZ2T	200	65	10	26,000	YCCC
NG7Z	209	57	8	23,826	WWDXC
WW5X	146	64	6	18,688	
KI0II	144	62	10	17,856	Grand Mesa
AF4PP	146	59	7	17,228	
NQ7X	134	62	7	16,616	
WA1Z	135	55		14,850	YCCC
WD7Y	124	50		12,400	
WX3M	112	45		10,080	MRRC
KC0ATC	94	41	7	7,708	
N5IA	27	25	1	1,350	
K6MMC	19	17	6	646	

~~~~~  
 Alan Kaul, W6RCL, LaCanada, CA  
 w6rcl@amsat.org  
<http://home.att.net/~alan.kaul/index.html>

-----  
 Date: Fri, 8 Nov 2002 12:03:36 -0500  
 From: "John Paul Keon" <jpkeon@nc.rr.com>  
 To: <tedkell@ev1.net>,  
       "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
 Subject: [139626] Re: [HQR] OT: Problems with Juno e-mail  
 Message-ID: <00d501c28748\$c7cea940\$6401a8c0@nc.rr.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
       charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

I also used to use JUNO but had problems.  
 I kept getting messages and aborts on downloads.  
 I changed and now use a local service and cable modem  
 and get over 1 meg download speeds and 24/7 email  
 capability. There are plenty of inexpensive dial up services  
 available and they are comparable in price to JUNO but  
 more reliable.

Good Luck on you venture.

John Paul, Raleigh, NC [AB4PP]

<http://www.knightlites.org>

"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

Subject: Re: [HQRP] OT: Problems with Juno e-mail

-----  
Date: Fri, 8 Nov 2002 12:10:17 -0500 (EST)  
From: wb0wao@hotmail.com (Dennis Ponsness)  
To: leon\_heller@hotmail.com  
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)  
Subject: [139627] Re: About morse  
Message-ID: <28457-3DCBEFF9-2849@storefull-2153.public.lawson.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

Sounds like when I used to run CW on A0-13...now that was an experience...

72 es oo

Dennis - WB0WAO

NJQRP #329  
FPQRP #-347  
SOC  
#499  
FISTS # 9299  
GACW #622  
ARS #1363

-----  
Date: Fri, 8 Nov 2002 11:05:30 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [139628] Where are the hounds

Message-ID: <010701c28749\$0be1b960\$6d74da0c@mchsi.com>

Reading my mail this morning and I don't see any hound reports.

I worked Dave at 03:34 but never heard Dan. I found others working him but just couldn't hear him.

I also missed the truffle run. Sorry Lloyd!! Something came up and I was out of the house until about 02.:30

So. this being my last vacation week until next year, I won't get another chance to join the chase. Everyone have a super time and GOD BLESS YOU ALL.

C U L            Jerry            NOJRN

-----  
Date: Fri, 8 Nov 2002 09:28:31 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "'k7qo@earthlink.net'" <k7qo@earthlink.net>,  
    Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139629] RE: Harbor Freight Shear/Brake/Roller Owners  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251A2D@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"

If your looking for a great source of bendable/cutable/paintable sheet metal that's easy to work with, and can be had for FREE, look no further than your computer case. See, my company dumped a bunch of 486 in the recycle bin, but before the truck came to pick it all up, I took all the covers to the cases off and stored them in my shed. Now I have a lifetime supply of metal stock that's very easy to work with. The paint will crack some when it's bent, but then the majority of the case is already primed for sanding and painting.

72

.mark

-----  
Date: Fri, 8 Nov 2002 09:22:18 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "'kr1st@amsat.org'" <kr1st@amsat.org>,

Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139630] RE: Yaesu FT-817  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251A2C@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Man, you guys are making me feel bad for just buying one! It's not my main rig, but I do travel a bunch and it looks perfect for that. I've taken it on day hikes, and find it a pretty good rig to throw in a pack... Not sure how well it would work for an entire week living outta a pack, but I'd give it a try. But then again, I'm probably half your age. :) Just poking fun....

72

.mark

-----  
Date: Fri, 08 Nov 2002 12:43:23 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139631] Re: My favorite disclaimer for a poor performing antenna design.  
Message-ID: <3DCBF7BB.B0E983AA@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Or how about the one in October 2002 CQ where they describe the Microvert, which btw. is not called Microvert for some odd reason:

"The keyword here is effective, not efficient."

73,  
--Alex KR1ST

Alex wrote:

> "It will not perform like a 5 element tribander at 100 feet."

-----  
Date: Fri, 08 Nov 2002 12:37:51 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139632] My favorite disclaimer for a poor performing antenna design.  
Message-ID: <3DCBF66F.2F1E99CB@amsat.org>

MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

...and often way overpriced.

"It will not perform like a 5 element tribander at 100 feet."

--Alex KR1ST

-----  
Date: Fri, 08 Nov 2002 18:07:53 GMT  
From: Thomas Jennings <jennings@eznet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [139633] Re: Where are the hounds  
Message-ID: <20021108180753.5290.qmail@eznet.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Hounds,  
I worked Dave ok but did not hear a peep from Dan. Heard  
a bunch of hounds calling and working him though.  
Looks like no propagation to the north east :(

73,  
Tom kv2x

-----  
Date: Fri, 8 Nov 2002 13:05:22 -0500  
From: "Lee Mairs" <lmairs@direcway.com>  
To: "qrpl" <qrp-l@lehigh.edu>  
Subject: [139634] Re: Extech Meter  
Message-ID: <002401c28751\$68053e30\$2202a8c0@J4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Surprisingly, I've found that Sears has high quality DVMS at reasonable  
prices - especially on sale.  
73 de Lee  
KM4YY

----- Original Message -----  
From: "David Adams" <david@theadamsclan.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, November 08, 2002 11:52 AM  
Subject: Extech Meter

> Greetings! Does anyone know anything about Extech meters? I finally  
> (believe I) know what happen to my missing Fluke 79 meter and other test  
> equipment. It seems that the workmen who replaced our patio door and  
> siding have walked off with it...or at least I'm not the only townhouse  
> dweller who had things disappear on the day the sliding glass doors were  
> removed. Can't prove anything though...will try and speak to the  
> townhouse managers again this evening...at least they left the  
oscilloscope.

>  
> Regardless, ratshack has a new extech meter listed in their catalog  
> which seems capable enough and includes a 10Mhz freq counter for \$89, so  
> the price seems right. Any info appreciated.  
>  
> Dave  
>

-----  
Date: Fri, 08 Nov 2002 12:59:38 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: qrp-1@lehigh.edu  
Subject: [139635] Jean R. Cebik, N4TZP, SK  
Message-ID: <3DCBFB8A.63DE1C43@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

>From the ARRL Letter:

Jean R. Cebik, N4TZP, SK: Jean Cebik, N4TZP, of Knoxville, Tennessee,  
died November 4. She was 59 and had been battling cancer for more than a

year. Jean Cebik was the wife of well-known antenna guru and prolific  
QST,  
QEX and NCJ author L.B. Cebik, W4RNL. She was a Full Family Life Member  
of  
ARRL. His wife's final wish, L.B. Cebik said, was that all of her  
friends  
plant a tree or a shrub in her memory "to support the songbirds that she  
so much loved and so ably rehabilitated."

-----  
Date: Fri, 8 Nov 2002 12:59:25 -0500  
From: edkess@pa.net  
To: qrp-1@lehigh.edu  
Subject: [139636] 6 Meter Stuff Sold  
Message-ID: <3DCBB52D.18582.D8BE2CC@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Tnx for the inquiries

73  
Ed AA3SJ

-----  
Date: Fri, 08 Nov 2002 17:55:03 +0000  
From: k7gt@attbi.com  
To: qrp-1@lehigh.edu  
Subject: [139637] F/S SuperKeyer2 chip  
Message-ID: <20021108175503.FVFW12281.rwcrmhc52.attbi.com@rwcrcwbc55>

I picked up a SuperKeyerII some time ago and was going to repackage it into a station control unit. As received, it was in a very poorly wired (tie-wrap mostly) state but the chip is known to work. I have gone a different direction now with the station controls and would like to find this keyer chip a new home. I have \$20 in it. Make an offer (reasonable). Oh, I do have the original documentation/instructions, etc.

73  
Allan K7GT  
Pleasanton CA

-----  
Date: Fri, 08 Nov 2002 13:34:20 -0500  
From: Ed Lawson <k1vp@grizzly.com>

To: jennings@eznet.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139638] Re: Where are the hounds  
Message-ID: <3DCC03AC.8050202@grizzly.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

>Hounds,  
>I worked Dave ok but did not hear a peep from Dan. Heard  
>a bunch of hounds calling and working him though.  
>Looks like no propagation to the north east :(  
>  
>73,  
>Tom kv2x  
>  
>  
>  
>  
Sounds of silence reigned in NH

Ed Lawson  
K1VP

-----  
Date: Fri, 8 Nov 2002 10:55:13 -0800  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139639] Re: [OT] New Linux on CD  
Message-ID: <20021108185513.GB2102@bob.n7xy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Yes, KNOPPIX is awesome!

I've seen a similar setup for use on firewalls, where a CD is used and only the configuration information is written to a floppy (no hard drive needed), which should help in keeping the system secure:  
<http://www.gibraltar.at>.

For contest operations, PA4TU has created a bootable Linux floppy with TLF (although not the latest version which supports multiple stations) at <http://debianham.sunsite.dk>. This will run on Windows or DOS



computers and only needs to use the hard drive (or a floppy) for writing the log.

73,  
Bob, N7XY

On Fri, Nov 08, 2002 at 03:56:12PM +0000, Adam Vazquez (Kb2Jpd) wrote:

> This post is off-topic but should be of interest to hams with a  
> interest of personal computers and ham radio.  
>  
> If you are interested in a boot from cd Linux system for the  
> operating position, setting multiple computer logging stations for a  
> contest, this might be the one version of Linux you might want to  
> use and hand out. It will not require installation to hard drive and  
> the price is right for personal or club use.  
>  
> -KNOPPIX ([www.knoppix.org](http://www.knoppix.org))-

-----  
Date: Fri, 08 Nov 2002 13:54:49 -0500  
From: W2AGN <[w2agn@w2agn.net](mailto:w2agn@w2agn.net)>  
To: Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [139640] Re: Where are the hounds  
Message-ID: <3DCBC229.14004.1FA57D32@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 8 Nov 2002 at 18:07, Thomas Jennings wrote:

> Hounds,  
> I worked Dave ok but did not hear a peep from Dan. Heard  
> a bunch of hounds calling and working him though.  
> Looks like no propagation to the north east :(  
>  
> 73,  
> Tom kv2x  
>

Well, I didn't want to complain, but I didn't hear either fox, and only a couple of Hounds. N1TP was strongest here in NJ. More of the ^\*\*^%& Spanish SSB in there also. I'm going to boycott Taco bell, so there !!

---

+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Fri, 8 Nov 2002 14:18:28 -0500 (EST)  
From: Chris Cartwright <ccart@phideaux.com>  
To: QRPL List <qrp-l@lehigh.edu>  
Subject: [139641] Re: Where are the hounds  
Message-ID: <Pine.LNX.4.33.0211081412530.10278-100000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Nov 2002, Ed Lawson wrote:

>I worked Dave ok but did not hear a peep from Dan.

Heard K3ESE just fine (about 60 miles away) but no matter what I did he  
couldn't hear me. Got Dave early in the second hour, and had Dan way down  
in there with the DSP cranked tight and the notch and passband filters set  
"just so". Gave up with 15 minutes to go. I'm at 75% of the foxes so  
far, so it ain't all bad :)

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Fri, 08 Nov 2002 14:23:39 -0500  
From: Jerry Lofstead <w3cde@bellsouth.net>  
To: k5di@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139642] Re: Yaesu FT-817  
Message-ID: <3DCC0F3B.B281E5F5@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Karl,

If you posses such a thing as a VOM, attach an external power  
supply with batteries installed in the Xcvr. Turn the radio  
and PS OFF. Now measure battery drain, the YAESU documented

battery drain!..... Remove the PS and measure the documented  
NO DRAIN from the batteries...

Jerry  
W3CDE

"Karl F. Larsen" wrote:

<SNIP>

>

> The recient chatter about a internal battery loosing power is  
> not correct in my radio or any other un-modified 817. The schematic  
> shows how the battery is hooked to the radio and it will not be  
> discharged ever with the main power plug removed and the radio turned  
> off. I have no idea how this was started.

>

> On other lists the current chatter is about how your better off  
> waiting and saving your money until you can buy an 817. And I have seen  
> them for sale new at \$619.00 and the company will ship free.

>

> They show up here for sale usually because the owner has big  
> hands and can't work the small buttons. My hands are part of a 6'4" body  
> that played football in college (on the line) and my hands are about as  
> big as they come. I have no problem at all with the 817, but find it's  
> best to use frequency lock because my big hands do change tuning by  
> accident.

>

> This is my primary rig. It is not perfect, but it's very close.

>

> --

>

> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 8 Nov 2002 12:58:13 -0700

From: "" <markb@abq.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [139643] Re: Extech Meter

Message-ID: <582541ea0767470cad7604db8a988aa6.markb@abq.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

From: "David Adams" <david@theadamsclan=2Ecom>

Subject: Extech Meter

> Greetings! Does anyone know anything about Extech meters

I had one at work for a while, it worked fine and had a lot of features but it ate batteries=2E It would automatically power itself off but still draw enough current to kill a 9V battery over a weekend=2E Compare this to your basic Fluke77 that seems to run for years on the same battery=2E Not to say the Extech you're looking at has this problem, but I would check the=20 current draw/battery life spec's first=2E

Mark K5LXP  
Albuquerque, NM  
k5lxp@arrl=2Enet

-----  
Date: Fri, 8 Nov 2002 15:06:31 -0500  
From: dmaliniak@penton.com  
To: w2agn@w2agn.net  
Cc: qrp-l@lehigh.edu  
Subject: [139644] Fox: No luck in NJ  
Message-ID: <0FEDF93337.AAFCC3A8-0N85256C6B.006E0459-85256C6B.006E79E7@penton.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

John:

At my north Joisey QTH, WD7Z was at only about S2-S3 with sharp and deep fades into the noise. Called fruitlessly a few times and went in to watch ER with the wife. Nothing heard from N7CQR at all.

72,  
David, AD2A  
Glen Rock, NJ

-----  
Date: Fri, 08 Nov 2002 14:41:40 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [139645] KITS: programmable battery voltage monitor  
Message-ID: <3.0.6.32.20021108144140.007b59d0@mailhost.ncia.net>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

I made a little battery voltage monitor last night, using a 8 pin CPU (Atmel Tiny15L) I have it set up to monitor Gel-Cells. Using a bi-color LED, the green light is on if the battery is over 11.5 volts, it turns orange (by alternating between red and green, quickly) between 11.5 and 11.0 volts and red below 11 volts. You can also program it for your own custom voltage trip points, if you want to use it with other types or voltage batteries. (you need to have a variable supply to set the trip points)

It draws about 10 ma ( 5 for the cpu and 5 for the led), so you might want to wire it up with a NO push button, so it's not on all the time.

I'm not going to bother having a circuit board made for it, because it only uses a few parts - the cpu, low power voltage regulator, three resistors and two caps. Will only take a few minutes to wire it up on a small piece of perf-board.

\$10.00, post paid, for a kit of the parts. Anyone want one - or two?

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Fri, 08 Nov 2002 15:12:26 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139646] FAWKES: Web Page?  
Message-ID: <3DCBD45A.17452.1FEC826D@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Lost the URL for the Winter 02-03 Fox Web Page.

---  
+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net>

+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Fri, 8 Nov 2002 15:56:49 -0500  
From: "John" <jdorson@worldshare.net>  
To: <n2go@arrl.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139647] Re: Lightning/ antenna grounding  
Message-ID: <018401c28769\$5f6e1180\$d8649c40@ATHOME>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There is really only one answer...DISCONNECT...

----- Original Message -----

From: <n2go@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, November 08, 2002 10:44 AM  
Subject: Lightning/ antenna grounding

> What is the consensus of opinion. Disconnect the antenna when not in use  
> or ground the antenna feedline at the transmit end? It would seem that  
> each has its shortcomings.  
>  
> 73,  
>  
> Jim n2go  
>

-----  
Date: Fri, 08 Nov 2002 16:14:54 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139648] Re: FAWKES: Web Page?  
Message-ID: <3DCBE2FE.11974.2025ABCE@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 8 Nov 2002 at 15:43, Larry - WA2DGD wrote:

> <http://www.cqc.org/fox/sched.htm>

>  
>  
> > Lost the URL for the Winter 02-03 Fox Web Page.  
> >

Thanks, gang. A bunch of replies. Got it bookmarked now.

---  
+-----+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net  
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Fri, 8 Nov 2002 16:22:10 -0500 (EST)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: Alex <kr1st@amsat.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139649] Re: Yaesu FT-817  
Message-ID: <20021108161944.I63929-1000000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Nov 2002, Alex wrote:

> "Karl F. Larsen" wrote:  
> >  
> > Seems to be time to say a little about this rig.  
>  
> I don't think you need to be worried about this rig not getting  
> enough attention. Not to criticize you you, Karl, but sometimes I wish  
> this rig didn't exist. You read about it everywhere. And every magazine  
> seems to  
> have to "review" the same accessories over and over again. When we get  
> closer to xmas it will only get worse.

And just think...in a few years the entire cycle can repeat because it's a  
"Classic" FT-817 Boat Anchor.

The list will have posts from folks who used it as a first rig, or folks  
who want to duplicate their first station.

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring and DrakeList

<http://www.tlchost.net>

Web Hosting as low as \$3.49/month

-----  
Date: Fri, 08 Nov 2002 16:30:39 -0500  
From: Jake Brodsky <frussle@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [139650] Re: Lightning/ antenna grounding  
Message-ID: <ndaosugh30055skvolc1a9a7vpbj9cqgd1@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

Man, people write books and build careers about this stuff. There is no pat answer to your question. It has to do with how the antenna is installed. I've installed microwave communications systems on towers. They have withstood direct hits with little or no damage. They had to. Not only did it carry water utility traffic, it also carried police and fire radio traffic. It had to work extremely well and it did.

But this sort of thing is not intuitive, it's not a cookbook item, it changes depending on the kind of antenna you have, the local terrain, typical ground conductivity in your area, and the power supply system.

The question you're asking is like someone asking you to explain this radio technology thingie. =20

The short answer is that you should ground your antenna system. The long answer is HOW. I don't have enough information to give you a straight answer on that.

73,

Jake Brodsky, <mailto:frussle@erols.com>  
"Nearly fifty percent of all graduates came from=20  
the bottom half of the class."

-----  
Date: Fri, 08 Nov 2002 16:42:49 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: baltimoremd@baltimoremd.com,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [139651] Re: Yaesu FT-817  
Message-ID: <3DCBE989.29402.203F3AE4@localhost>  
MIME-version: 1.0



Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 8 Nov 2002 at 16:22, Thom LaCosta wrote:

>  
> And just think...in a few years the entire cycle can repeat because  
it's a  
> "Classic" FT-817 Boat Anchor.  
>  
> The list will have posts from folks who used it as a first rig, or  
folks  
> who want to duplicate their first station.  
>  
> Thom

That's why I'm hanging on to it. When I'm 100 years old, I can sell it on  
eBay for \$5000.

---

+++++-----+ John L. Sielke  
|W||2||A||G||N| http://www.w2agn.net  
+++++-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----

Date: Tue, 8 Oct 2002 14:14:06 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [139652] MC3359 Chip Search Results  
Message-ID: <001b01c26f0f\$a5bfd3c0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, thanks for all of the help on the MC3359 chip. It is expensive in  
ones or twos (\$5) can be had for about \$1 in quantities of 500. Bruce  
Muscolino mentioned on this list that Bruce Williams had published an  
article on the SimpleReceiver in 1986 QST saying that it was another way to  
do it. (Someone later mentioned it was the 86 issue.) I obtained a copy  
of it, and took a look, as I am always interested in simple projects. My  
thoughts were first, if it looked like a neat project that would work well  
and be easy to build, hey I'd order some chips and see about it. Maybe even  
kit it. I also thought, hey if it is an old out of date design, maybe I  
could order 10 or 15 chips, distribute them to the "right" guys, and see  
what could develop, since we have made significant gains in simple receivers

since 1986. Maybe someone could take that chip, use modern methods and come up with something. Well, I looked at the design, talked it over with several knowledgeable people, and I have come to the conclusion that it isn't worth the effort. There are much better ways and designs than the SimpleReceiver is today. Now, before anyone gets their feathers ruffled, I am not criticizing the design as if it were done today, but saying that even though it might have been a good design in 1986, it is my opinion and that of several I trust, that there are better ways to melt solder today. So, I won't be ordering any MC3359's. Especially since it is an obsolete chip. I abhor designers that use chips that are out of production. Take my advice if you are a designer, DON'T design around obsolete parts.

72, Doug

-----  
Date: Fri, 08 Nov 2002 17:15:45 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [139653] Re: Lightning/ antenna grounding  
Message-ID: <5.1.1.6.1.20021108171015.00a701a0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>The question you're asking is like someone asking you to explain this  
>radio technology thingie.

Jake,

That part's easy. Albert Einstein put it very clearly:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."

Dave

-----  
A Real Programmer can write FORTRAN in any language.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 8 Nov 2002 18:20:58 -0500 (EST)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: W2AGN <w2agn@w2agn.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [139654] Re: Yaesu FT-817  
Message-ID: <20021108181901.A67720-1000000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Nov 2002, W2AGN wrote:

> On 8 Nov 2002 at 16:22, Thom LaCosta wrote:

> > "Classic" FT-817 Boat Anchor.  
> >  
> > The list will have posts from folks who used it as a first rig, or  
> folks  
> > who want to duplicate their first station.  
> >  
> That's why I'm hanging on to it. When I'm 100 years old, I can sell it on  
> eBay for \$5000.

Wow, and I was thinking of holding onto one and then trying to swap it  
when I'm 99 for a QTH in the Bahamas.

Thom

|                                                                         |                                        |
|-------------------------------------------------------------------------|----------------------------------------|
| baltimoremd@baltimoremd.com                                             | Thom LaCosta K3HRN Webmaster           |
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>   | Baltimore's Home Page                  |
| <a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a> | Home of the Baltimore Lexicon          |
| <a href="http://www.zerobeat.net">http://www.zerobeat.net</a>           | Home of The QRP Web Ring and DrakeList |
| <a href="http://www.tlchost.net">http://www.tlchost.net</a>             | Web Hosting as low as \$3.49/month     |

-----  
Date: Fri, 08 Nov 2002 17:35:42 -0600  
From: Monty N5FC <n5fc@io.com>  
To: AQR@egroups.com, qrp-l@lehigh.edu  
Subject: [139655] Dual-Band Rock-Mite  
Message-ID: <5.1.0.14.1.20021108173133.026cab60@mail.io.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang!

Well, somebody had to do it... took two Rock-Mites and put them in a custom enclosure to make a dual-band rig.

First 20 Meter QSO: 4000 miles-per-watt, Rock-Mite to Rock-Mite  
First 40 Meter QSO: 1750 miles-per-watt.

What a performer!

Take a look-see:

<http://www.io.com/~n5fc/rockmite.html>

72,  
monty N5FC

Monty Northrup, N5FC  
Austin, Texas  
e-mail: [n5fc@io.com](mailto:n5fc@io.com)  
web page (ham radio): <http://www.io.com/~n5fc>  
web page (home): <http://www.io.com/~maddog>

-----  
Date: Fri, 8 Nov 2002 15:38:36 -0800  
From: Mark Schoonover <[schoon@amgt.com](mailto:schoon@amgt.com)>  
To: "'w2agn@w2agn.net'" <[w2agn@w2agn.net](mailto:w2agn@w2agn.net)>,  
Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [139656] RE: Yaesu FT-817  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251A36@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

> That's why I'm hanging on to it. When I'm 100 years old, I  
> can sell it on  
> eBay for \$5000.

I thought you were already 100??

:)

.mark

-----

End of QRP-L Digest 2734

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